ARCTIC DATA COMPILATION AND APPRAISAL
VOLUME 5
Baffin Bay: Physical Oceanography — Temperature, Salinity, Current and Water Levels

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1983

CANADIAN DATA REPORT OF
HYDROGRAPHY AND OCEAN SCIENCES
NO. 5

Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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PREFACE

This group of data catalogues is produced by the Ocean Information Division at the Institute of Ocean Sciences. Joint government/industry contract projects have catalogued marine data sets focusing primarily upon oceanography and fisheries. Data set quality appraisals are provided to assist in establishing the usefulness of certain data for particular kinds of analyses and the confidence to be placed in interpretations. This will assist in setting priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses range from contributing to research planning, especially for climatological studies, to providing the best available resume of marine data sources for environmental assessments.

Accompanying the accelerating pace of Arctic offshore development activity is the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. This review process has been divided into three phases: the first phase involves compilation and appraisal of all existing data sets; the second concentrates upon analysis of the suitability of the historical data for contributing to questions of particular interest; while the third relates primarily to analysis and/or interpretation of data and estimation of the scientific confidence in answering particular questions. This report represents the results of the first phase for the physical oceanographic data of the Baffin Bay area.

Dr. Alan B. Cornford
Scientific Editor
Arctic Data Compilation
and Appraisal Series

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J.R. Birch, D.B. Fissel, D.D. Lemon, A.B. Cornford, R.H. Herlinveaux, R.A. Lake, and B.D. Smiley
Arctic Data Compilation and Appraisal.
Volume 5. Baffin Bay: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.
Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 5) 372 p

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ABSTRACT

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This volume is one of a group of catalogues designed to compile and appraise marine data sets for the Canadian Arctic. For user convenience, the group has been organized with its subject matter divided into three general disciplines: physics, chemistry and biology. The Arctic has been arbitrarily divided into seven geographical areas incorporating, where possible, major oceanographic regions. The format throughout has been structured to facilitate comparison among subjects and regions. With such a large undertaking it is not possible to provide all reports at once. Therefore catalogues which are presently available in the series are indicated on the inside back cover of each volume.

Data collection is a continuing process and further updates of the catalogues are planned. Readers are requested to submit corrections and additions by writing the issuing establishment. Such corrections will be incorporated in on-line computerized data set listings and will be continuously available upon request.

SOMMAIRE

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Le présent volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer les séries de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions océanographiques. Les catalogues sont présentés de façon à faciliter la comparaison entre les sujets et les régions. Le domaine est si vaste qui'il est impossible de fournir tous les catalogues en une seule fois. Les catalogues de la série actuellement disponibles sont indiqués à la fin de chaque volume à l'interieur de la couverture.

La collecte des données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités a soumettre par écrit les corrections et les additions à l'établissement auteur. Ces corrections seront traitées en direct sur ordinateur et incorporées aux listages qui pourront être obtenus sur demande.

ACKNOWLEDGEMENTS

The authors wish to express their thanks to the many different people and organizations who assisted with information and data during the course of the compilation. In particular, we wish to thank J. Gagnon of the Marine Environmental Data Service in Ottawa and H. Odum of the National Oceanographic Data Center in Washington, D.C., for providing access to their data files. The Greenland Technical Organization provided information on oceanographic data collected in the Davis Strait region. Information and assistance were received from D. Gregory, Bedford Institute of Oceanography; Dr. H. Ito of ETH, Zurich; the information sections of Defence Research Establishment Ottawa and Pacific; S. Tooma of Naval Ocean R&D; B. de Lange Boom, Seakem Oceanography Ltd.; L. Brooks of Chevron Oil; Dr. E.R. Pounder, McGill University; Dr. E. Sadler, Defence Research Establishment Pacific; and F. Barber of Ocean and Aquatic Services Affairs Branch, Dept. of Fisheries and Oceans, Ottawa. Special thanks are also due to S. Norton and B. Clarke of Arctic Sciences Ltd. for their dedication in preparing the manuscript, and to S.D. Ball of the Institute of Ocean Sciences for her aid in preparation of the maps. Credit for most of the computer program development goes to S. Oberski and R. Chave of Arctic Sciences Ltd.

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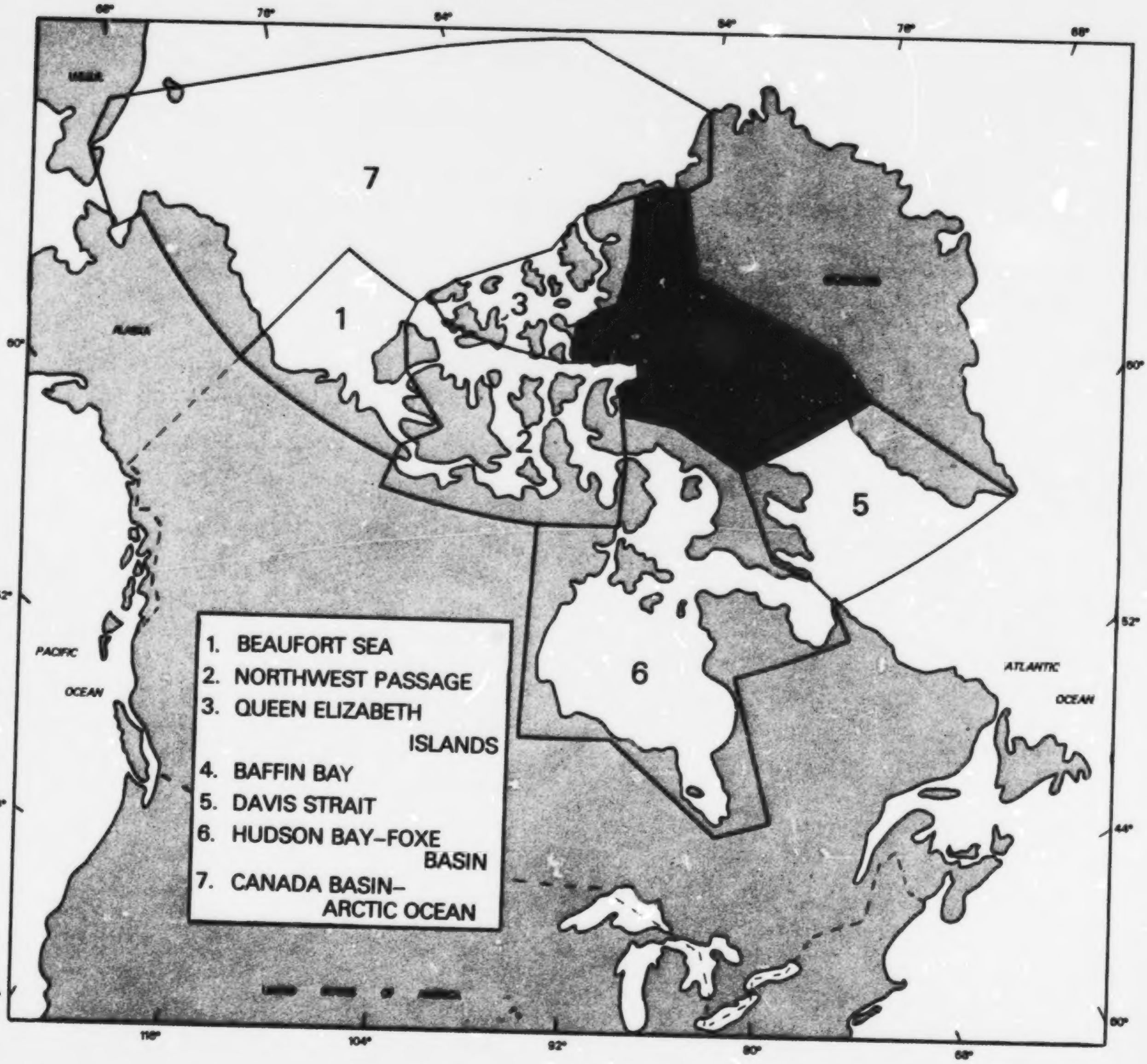
ARCTIC DATA COMPILATION AND APPRAISAL

VOLUME 5

BAFFIN BAY: PHYSICAL OCEANOGRAPHY


7
1
3
2
5
6
ALASKA
PACIFIC
OCEAN
ATLANTIC
OCEAN
1. BEAUFORT SEA
2. NORTHWEST PASSAGE
3. QUEEN ELIZABETH ISLANDS
4. BAFFIN BAY
5. DAVIS STRAIT
6. HUDSON BAY-FOXE BASIN
7. CANADA BASIN-ARCTIC OCEAN
60°
52°
44°
124°
116°
104°
92°
80°
68°

The area covered by this volume is shaded in the map above.

VOLUME 5: Baffin Bay: Physical Oceanography
Temperature, Salinity, Currents and Water Levels

VOLUME ABSTRACT

This inventory contains a catalogue of physical oceanographic data from the Baffin Bay. Times and locations of measurements are listed and displayed graphically for temperature-salinity, current meter, water level and drifter data. Meteorological and ice information are not included. Yearly plots showing the locations of all measurements are included, as are indexes by area and measurement types. References and sources are listed for all data included in the inventory.

Key words: Baffin Bay, Nares Strait, Jones Sound, currents, inventory, salinity, temperature, tides, water properties.

1. INTRODUCTION

In this report, the physical oceanographic data collected in Baffin Bay and the waters south and east of Ellesmere Island are catalogued. The information provided includes the time and locations of measurements, the parameters measured, and the type of instrumentation. The data themselves are not included but a source for the data and any reports or references are cited wherever possible. This will enable potential users of the data to determine what is available in their area of interest, or what data were collected using a specific measurement technique, and whether or not that data may be of value.

Data taken from 1900 through 1981 are included. Earlier data exist (see Section 3), however they are crude by today's standards. Surface-only measurements, many of which were collected near Disko Island, have not been included. These data are available in the Conseil Permanent International Pour L'Exploration de la Mer Bulletin Hydrographique series.

The data inventory is ongoing. As new data and previously unaccessible data become available, they will be added to a computerized data base maintained at the Institute of Ocean Sciences, Sidney. Information concerning new data sets, older data sets which are not in the catalogue, or errors, should be submitted to the Ocean Information Section of the Institute of Ocean Sciences.

2. STUDY AREA

The study area includes Baffin Bay (north of latitude 68°) and the adjoining inlets and sounds (but not Lancaster Sound), and the waters adjoining southern and eastern Ellesmere Island (Figure 1).

Baffin Bay has a deep (nearly 2400 m), flat basin in the centre. The eastern boundary is characterized by a series of wide banks. Along the Baffin Island coast the continental shelf is much narrower. Depths decrease northward towards Smith Sound; a sill of 250 m depth in Kane Basin separates

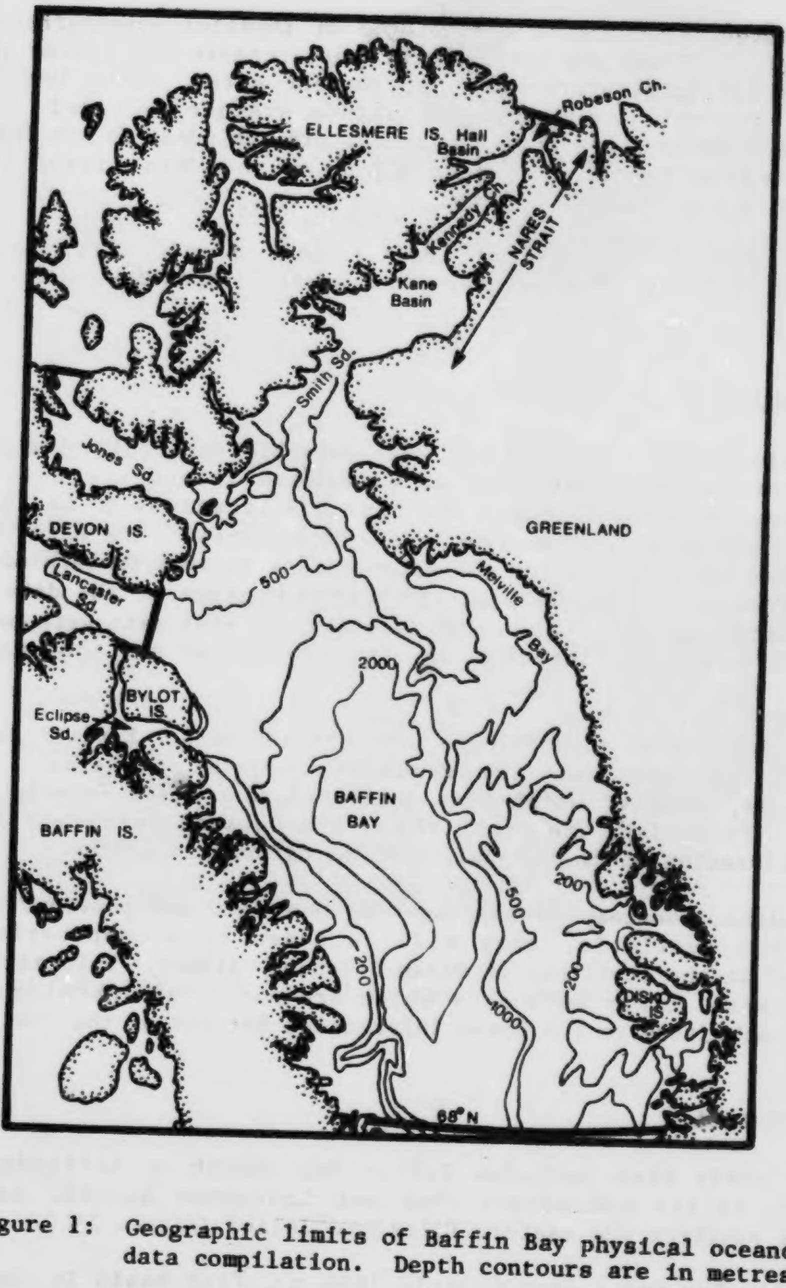

ELLESMERE IS.
Hall Basin
Robeson Ch.
Kennedy Ch.
NARES STRAIT
Kane Basin
Smith Sd.
Jones Sd.
DEVON IS.
GREENLAND
Lancaster Sd.
500
Melville Bay
2000
BYLOT IS.
Eclipse Sd.
BAFFIN BAY
BAFFIN IS.
200
500
200
1000
200
DISKO IS.
68°N

Figure 1: Geographic limits of Baffin Bay physical oceanographic data compilation. Depth contours are in metres.

the bay from the Arctic Ocean. A sill of similar depth in Barrow Strait restricts the flow of Arctic water through Lancaster Sound. South of latitude 67°N, the bay is restricted by the eastward extension of Baffin Island and the west Greenland coast; the sill of Davis Strait has a maximum depth of 675 m and separates the bay from the Labrador Sea.

Waters of both Atlantic and Arctic origin meet in Baffin Bay. Arctic water flows south and east through the channels of the Canadian Arctic Archipelago, entering Baffin Bay through Smith, Jones and Lancaster Sounds. These waters are relatively cold and fresh, and dominate the upper 200 m of western Baffin Bay. They flow south along the shelf break forming the Baffin Current, travelling at speeds on the order of 30 cm/s (Fissel et al., 1982). The West Greenland Current transports warm, saline Atlantic water up the east side of the bay. In western Baffin Bay Atlantic water is present in the water column at depths of roughly 200 to 1000 m. The reader is referred to Muench (1971) and Fissel et al. (1982) for more details on the physical oceanography of Baffin Bay.

Most of Baffin Bay is ice covered in winter. The North Water, south of Smith Sound, remains relatively ice free. Around late June the North Water expands south. The bay clears from the north and east, and is ice-free by September (except possibly for a strip along the Baffin Island coast between Clyde and Cape Dyer). Freeze-up begins again around October.

Icebergs are common in Baffin Bay. Most originate along the west coast of Greenland and move cyclonically around the bay, and then south along the west side of Davis Strait.

3. HISTORICAL DATA

The first accounts of non-native exploration of this area date back to 1000 A.D. when Norse Vikings colonized Greenland. The Vikings had extended their exploration to the region of Smith Sound by 1266.

Baffin, in 1616, was the first to record the existence of an ice-free area in northern Baffin Bay, now known as the North Water. During the 1800's explorers such as Ross, Parry, Franklin, and the subsequent searchers for Franklin's party, gathered information on currents mainly from ship drift and experience. The ice-locked drift of the Resolute in 1852 indicated an eastward flow in Lancaster Sound and a southerly flow in western Baffin Bay.

In 1860 Hayes took temperature observations in northern Baffin Bay and detected warm Atlantic Water below the cold surface layer. Surface temperature measurements were collected using the steamer Polaris by personnel of the U.S. Arctic Expedition, 1871-1873. In 1875 Moss and Nares obtained temperature and chloride data (calculated from specific gravity), allowing the differentiation of the various water masses (Moss, 1878). Other data, such as temperature data in 1873 (Bessels, 1876), were collected but these data are crude by today's standards and have not been included in this catalogue. The reader is referred to Dunbar (1951) and Dunbar et al. (1967) for a review of the nineteenth century data.

The yearly level of oceanographic effort in the twentieth century is best illustrated as a plot of number of bottle/CTD stations per year versus time (Figure 2). Before 1950, the Godthaab expedition stands alone as the most comprehensive oceanographic survey of the area. In the 1950's and 1960's Canadian and American vessels frequented the area, partly to show the flag, and also to collect data for military purposes. The lull in the early 1970's was followed by studies concerning the environmental impact of offshore oil and gas exploration.

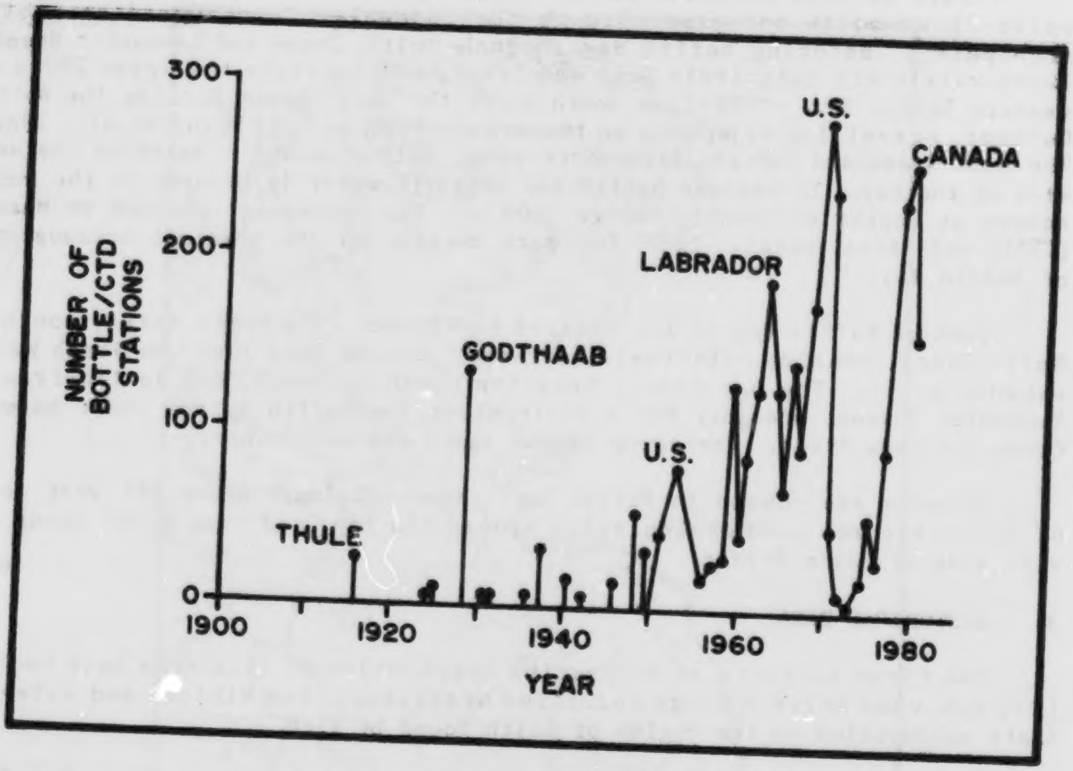


Figure 2: Plot of bottle/CTD measurements versus year for the area covered by this data compilation report.

4. GENERAL REPORT LAYOUT AND USER INSTRUCTIONS

4.1 DATA SETS

The data are organized in sets, where each set consists of data of a common type taken on a single expedition or cruise, usually by a single institution or organization. Thus, unless otherwise noted, all the data within a single set is assumed to have been collected in a uniform manner and should conform to a common standard of measurement.

Each data set has been assigned an identification number of the form yy-nnnn, where yy = last 2 digits of the year in which data were collected and nnnn = order of identification for that particular data set for that year. The data set number is a unique identifier which applies throughout the entire series of inventories; any set identified, for example, as 72-0009 is the same data set no matter where the reference to it is made. Gaps may appear in the sequence of data set numbers in this inventory for a particular year, because each data set will not appear in every discipline and geographical area.

4.2 INVENTORY ORGANIZATION

Table 1 (Section 8) lists all the data sets in the inventory in order by data set number. It provides a summary description of each set including the times, areas and methods of measurements. Table 1 also gives a listing of concurrent measurements from other disciplines.

Geographical and measurement type indexes are in Section 10. The sub-areas in the geographic index are shown on the map in Figure 1. Section 10 also contains an index of references, ordered by data set number. It is primarily an index of original data reports, although ancillary papers analyzing or discussing the data are listed if they came to our attention.

Measurement locations are plotted in a series of maps in Section 9. Four different maps, all in Lambert Conformal Conic projection, have been used to plot data (Figure 3). In all cases, the coastlines have been smoothed and small islands have been removed to avoid clutter. A key to the symbols on the maps is at the beginning of Section 9.

Detailed listings of the times and locations of individual measurements are in Section 11. There is a separate listing for each data type. The beginning of Section 11 explains the format of the listings.

Data sets were rated according to the criteria in Section 5. The ratings are listed in Table 1. Appendix 1 contains comments explaining the reasons for low ratings, a list of any errors found in each data set, and any other pertinent remarks concerning the data. The comments are ordered by data set number.

Section 6 contains a general description of the extent of the data available in Baffin Bay. Sections 6.1 and 6.2 describe its geographical and seasonal distribution. Section 6.3 tabulates instances of repeated measurements in the same area, and instances where measurements were carried out simultaneously, in different areas, or by different agencies.

Data sets which were not complete or sufficiently documented are discussed in Section 12. Also unavailable data such as the 1947 Edisto results are mentioned there.

4.3 SAMPLE USE OF THE INVENTORY

A typical use of the inventory might go as follows:

1. Consult the indexes in Section 10 to determine which data sets contain appropriate measurements in the desired areas.
2. Consult the maps in Section 9 to determine the number and disposition of measurements.
3. Refer to Table 1 for an overall description of each data set including the dates spanning the measurement period and an abbreviated listing of sources for the data.

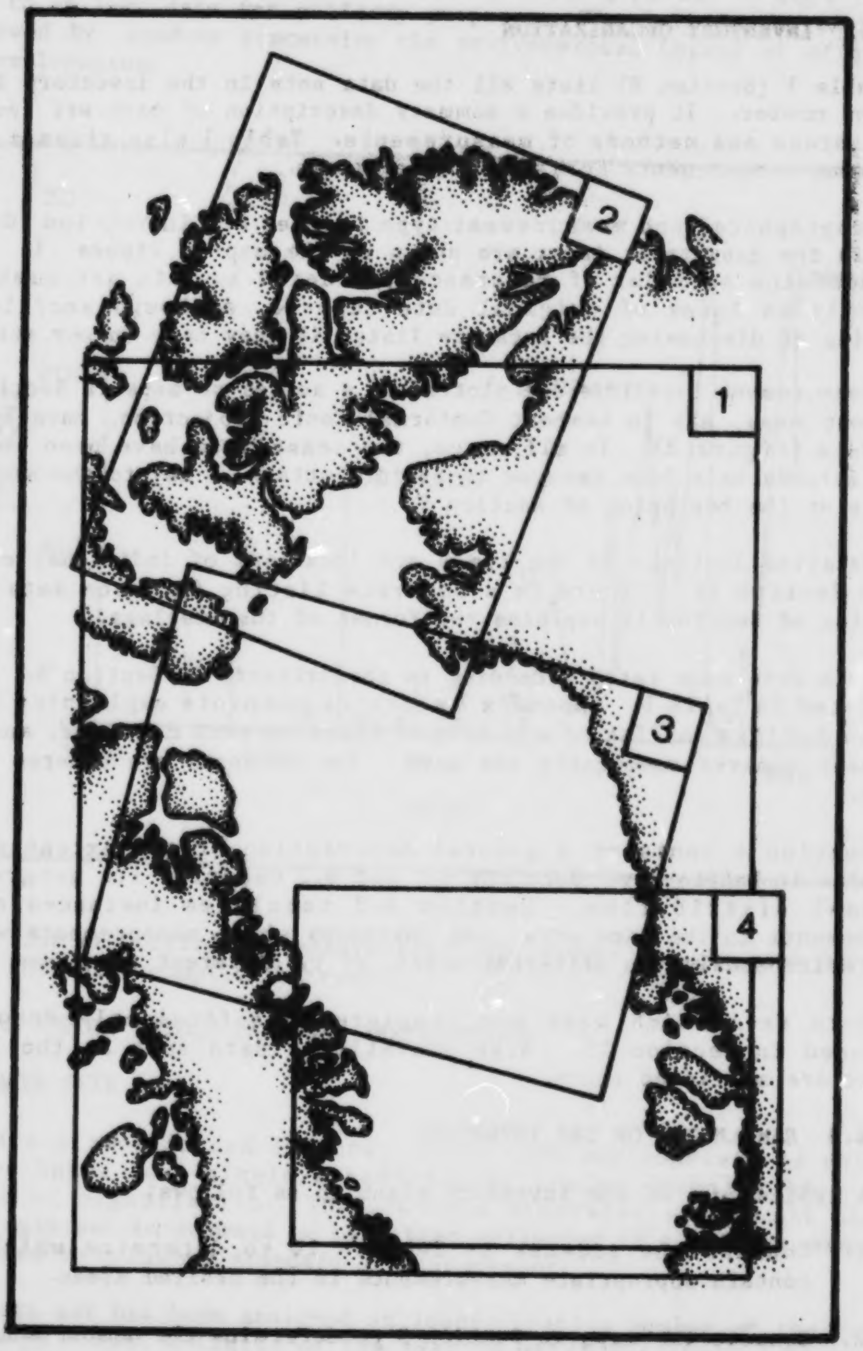


Figure 3: Four maps used to plot station locations. All maps are Lambert Conformal Conic projection. The scaling for maps 1, 2, 3 and 4 are 1:6,800,000, 1:4,100,000, 1:4,000,000 and 1:3,900,000, respectively.

4. If more specific information is required concerning the timing or location of individual measurements in the set, refer to Section 11.

5. Refer to Table 1 and Appendix 1 for information concerning the instruments and methods used in collecting the data, estimates of its accuracy and its overall rating.

6. Consult the reference index in Section 10 for works referring to or using the data.

Another example might go as follows:

1. Examine the maps in Section 9 for measurements during a particular year, and note the data set numbers of interest.

2. Refer to Table 1 to find the range of measurement dates, measurement methods and accuracies and data sources.

3. Continue with steps 4, 5 and 6 from the first example.

5. DATA RATING, APPRAISAL

5.1 TYPES OF DATA

5.1.1 BOTTLE CAST DATA

These data consist of temperature and salinity measurements at discrete depths (ideally the international standard depths) by means of reversing thermometers and sampling bottles. Temperature accuracies of 0.01°C may be achieved by averaging two or more carefully read, well-calibrated thermometers. Some investigators have used hydrometers (±0.2°/oo) and refractometers (±0.5°/oo) for the determination of salinity, but up to 1960 salinity was usually obtained by titrating the water samples drawn from the bottles; replicate titrations in the hands of a good operator could yield results precise to 0.01°/oo. In the 1960's, salinometers measuring salinity via the conductivity of the sample replaced titrations. A precision of 0.003°/oo can be obtained with the better instruments, although in the past, systematic errors of 0.02°/oo or more could be introduced by variations in the standard water used to calibrate these instruments. New international standards for salinity should eliminate the latter source of error (Lewis and Perkin, 1978).

5.1.2 CTD DATA

CTD data are data produced by in-situ profiling instruments variously called STD (salinity-temperature-depth), STP (salinity-temperature-pressure), CTD (conductivity-temperature-depth) or CTP (conductivity-temperature-pressure) profilers. Fundamentally, all are CTP devices; the variations in output and name depend solely upon the degree of internal data processing. All instruments perform the same basic function of measuring (more or less continuously) temperature and conductivity as a function of depth. The precision achievable with such devices depends upon the individual instrument. The best are capable of a precision of 0.005°C and 0.005°/oo, although accuracy in salinity, until recently, was limited to approximately ±0.02°/oo because of the inconsistencies in salinity standards and definitions (Walker and Chapman, 1973).

5.1.3 BATHYTHERMOGRAPH

The bathythermograph (BT) is a thermo-mechanical device which measures water temperature as a function of pressure. Its information is produced as a trace on a smoked glass slide which can be read to an accuracy of ±0.2°C and ±2 m depth if well calibrated. The BT was widely used in conjunction with reversing thermometers but have largely been superseded by the CTD.

5.1.4 SELF-RECORDING CURRENT METERS

By the 1970's oceanographers could practically and reliably place and recover self-recording current meters in the water column. In the Arctic, such meters are moored from the sea floor, or hung beneath the ice surface. Meters of this type generally record internally on magnetic tape (in some models photographic film or paper charts were used) or, rarely, telemeter data to a ship- or shore-receiving station. They generally provide time series of current speed and direction, and may have other sensors (such as temperature, pressure or conductivity) mounted as well. Current speed and direction are usually measured by one of two methods: either by a propellor or rotor for measuring speed and a vane for direction sensing, or by measuring two orthogonal components of the current speed. Component speeds may be measured by propellors, electromagnetic, or acoustic speed sensors. Direction reference is provided either by a magnetic compass or in the case of instruments mounted from ships or from the ice, by using torsionally rigid suspension materials which allow directional reference to be fixed at the surface. Commonly used instruments employing the propellor and vane system are the Aanderaa and Hydroproducts meters; those employing the component measuring system are the Cushing and Marsh-McBirney instruments (electromagnetic), the Neil Brown (acoustic), and the Davis-Weller (orthogonal propellors) instruments.

The precision and accuracy of current meters depend to a great degree both on the design of the instrument, and on the environment in which it is used. Serious problems are encountered if rotor-type meters are used in the wave zone. Calibration drift and sensor fouling can interfere with satisfactory operation of electromagnetic and acoustic sensors. The sampling frequency and integration period selected for the meter can also affect the accuracy of the record.

Special problems in direction measurement are encountered when using compasses in the Canadian Arctic because of the weak horizontal component of the magnetic field due to the proximity of the magnetic pole. Directional accuracies are generally degraded unless the current meter is oriented at the surface via rigid coupling.

5.1.5 PROFILING CURRENT METERS

These current meters provide a series of point measurements of current speed and direction at several depths throughout the water column. Meters used for this purpose are generally of the propellor or rotor and vane design, the oldest common example being the Ekman meter. Measurements usually are taken from the ice, or from an anchored ship in shallow water. In water too deep for anchoring, a very good positioning system is required to correct for ship movements. The directional precision of the measurements can be degraded by the proximity of the magnetic pole. Unless repeated profiles were taken so as to form a time series, this type of data were not generally catalogued (see Section 12).

5.1.6 SATELLITE-TRACKED DRIFTERS

Satellite-tracked drifters are a comparatively recent invention, dating from the early 1970's. Widespread use of these devices began after the launch of the Nimbus VI satellite carrying the Random Access Measurement System (RAMS) in 1975. In early 1979, the TIROS-N satellite was launched activating System ARGOS which is now used to track all devices.

Both RAMS and System ARGOS compute position from the Doppler shift of a signal transmitted from the buoy to the satellite. On each pass of the satellite the position (and any other data being measured) is received and sent to a ground facility where the data are processed. The RAMS system produced positional accuracies of approximately ±2 km. Prior to summer, 1978, RAMS produced an average of 8 valid fixes per day in northern latitudes. During the remainder of 1978, the number of fixes per day declined to 4 and then to 2 by the end of the year. The ARGOS system has an average positional accuracy of ±1.2 km, and produces an average of 10 valid position fixes per day in northern latitudes (Fissel, 1980b).

5.1.7 RADAR OR AIRCRAFT-TRACKED DRIFTERS

This type of drifter usually consists of a float (with or without a drogue) and a radar reflector or visual marker. These devices can be tracked visually or by radar from shore or from a ship or aircraft. The accuracies achievable depend upon the tracking system used, and can be very good if a sophisticated system is available. Data of this type are often limited in their coverage in space and time, and may have gaps resulting from bad weather.

5.1.8 WATER LEVEL GAUGES

Water level data are produced mainly by visual observation of tide staffs, by mechanical shore-mounted float-type gauges, or by bottom-mounted pressure gauges. The pressure gauges may be self-contained, or they may consist of a pressure sensor connected to a shore-mounted recording device. The mechanical gauges (usually used at the permanent gauge locations) record by means of a pen on chart paper. The data are usually digitized at hourly intervals, resulting in a record with a resolution of approximately ±1 cm, and an accuracy of the order of ±5 to 10 cm. The resolution of the bottom pressure gauges varies from a millimetre to a centimetre, depending upon the instrument type and range. Sampling intervals generally vary between 5 and 60 minutes. Unless corrections are made, bottom-pressure records will also contain signals caused by variations in atmospheric pressure.

5.2 DATA RATING SCALE

5.2.1 RATING CRITERIA

The data appraisal in this inventory is intended to provide the reader with an indication of the quality of each data set and its suitability for comparison with other data sets. The appraisal was based primarily on documentation describing the methods used in collecting and processing the data and the investigator's estimate of its precision, accuracy and utility. Subsequent analysis of the data were also taken into account, i.e. if errors were found in a particular data set during a subsequent analysis, and the results were published, they were used in the assessment.

The information from the sources above were used to assign a numerical rating to each set. The rating system has five levels, defined as follows:

0: data are found to be wrong.

1: data suspect because of ill-defined doubts.

2: insufficient information, was not or could not be investigated.

3: data are internally consistent - patterns or trends within data probably real but comparison with other data sets may pose problems.

4: data are internally consistent and exhibit sufficient standardization that comparison with other 4 rated data should be possible.

5.2.2 ASSIGNMENT OF RATINGS

0 RATING

A data set received a zero rating if serious deficiencies in technique, or significant systematic errors occurred. A zero rating was also assigned if the documentation of the data set was lacking necessary information (e.g. if the positions and times of measurements were not given) and if it seemed likely that the information had never been recorded. Future discoveries of missing information would allow upgrading of the rating in those cases.

1 RATING

A data set received a 1 rating if, either as part of a data report or in subsequent analysis and examination, the original or other investigators questioned the validity of the data without pinpointing specific errors. In general, a 1 rating was assigned if a data set exhibited an atypical distribution of values, or indicated unlikely physical processes, but contained no obvious errors. Such data sets require careful examination before use.

2 RATING

Ratings of 2 were given to data sets for which it was not possible to carry out an appraisal. Such cases include:

(i) Proprietary data, whose existence is known, but about which no details are available.

(ii) Data sets for which we were unable to obtain documentation, but know that data were collected (the 1947 Edisto data for example).

3 RATING

Data received a 3 rating if they were internally consistent within the precision of the methods used to collect the data. Precision is a measurement of the degree of random fluctuation experienced when a measurement is repeated many times, while accuracy is the departure of the measurement (or the mean of a series made under controlled conditions) from the true value. Because oceanographic data is normally taken without replication and under uncontrolled conditions, data taken with instruments of a certain precision will have the same (or poorer) level of accuracy. An exception is the case of a series of temperature-salinity measurements taken within a water body of stable, well-defined characteristics, in which case the mean of the measurement series could provide a measurement more accurate than the precision.

Ratings of 3 were given to all data sets for which no evidence of errors beyond the precision given in Table 1 was found, but which were not measured with the highest precision and accuracy attainable with the present-day instruments described in Section 5.1.

Caution should be exercised when comparing two sets of 3 rated data, as their levels of precision may be quite different. The reader should consult both Table 1 and Appendix 1 for precision and error information.

4 RATING

Data received a rating of 4 if they were measured to the precision available with the modern methods described in Section 5.1, and there was no evidence of systematic or other errors recorded in the documentation.

Of all the physical oceanographic data that were inventoried, the bulk of the data is temperature/salinity measurements. Until the early 1960's, water samples were collected with bottle casts and salinity was determined by titration. During the 1960's, salinities were generally determined using conductivity bridges. From the late 60's on, instruments which measured conductivity and temperature in situ (CTDs) became the standard. Salinity was then computed from the temperature and conductivity values.

CTDs with increased resolution have revealed gradations in salinity where previous chemical analyses indicated homogeneous water. Since both bottle and CTD data may have ratings of 3, caution must be used in any comparison.

Both methods of salinity determination depend on a standard (usually 35°/oo Copenhagen water); variability in the calibration of the instrumentation has in the past resulted in systematic errors of 0.02°/oo or more. During intercalibration of Norwestlant 1-3 data, replicate samples were sent to various labs; salinities determined by these labs differed by 0.01 to 0.02°/oo (Lee and Jones, 1968).

A new, practical salinity scale, where waters of the same conductivity ratio have the same salinity has been proposed (Lewis and Perkin, 1978) and if implemented should reduce systematic errors in salinity. However, most of the historical data remains subject to a ±0.02°/oo accuracy limitation.

Current meter data were judged by the instrument characteristics, response, and the deployment methods. The main causes of low ratings are directional errors due to inadequate compensation for the weak horizontal component of the earth's magnetic field, and contamination by mooring motion and wave orbital velocities.

Much of the water level data was received from MEDS with little supporting information. This resulted in the 2 rating for many of these data sets. It may be possible to improve the rating by further searching the files at MEDS and at the Institute of Ocean Sciences, Sidney.

Early European cruise data was often reported in the bulletin of the Conseil Permanent International Pour L'Exploration de la Mer. This bulletin lists dates and locations only, with little supporting detail. Consequently ratings of 2 were often assigned to such data. In order to improve the data rating one would require more information from the collecting agency/country.

6. SUMMARY OF DATA COVERAGE

6.1 SPATIAL COVERAGE, INCLUDING DATA DISTRIBUTION MAPS

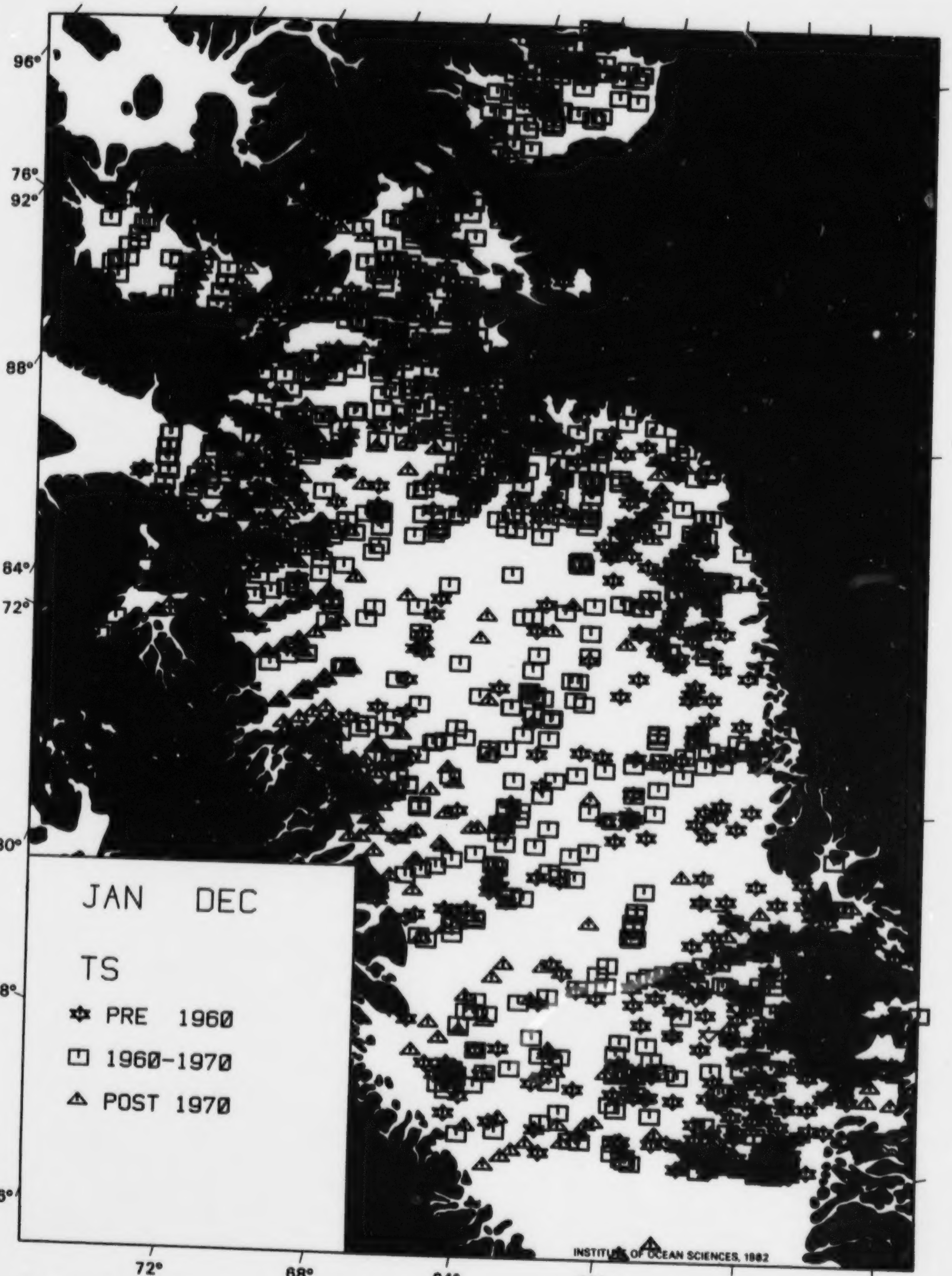
BOTTLE/CTD

All the bottle/CTD stations compiled in this report have been plotted in Figure 4. The waters surrounding Disko Island, in southeastern Baffin Bay, have been sampled intensively, largely due to the efforts of Danish fisheries vessels. The strongest currents were found to be around the perimeter of Baffin Bay and later data collection was concentrated in these areas. The stations midway along the Baffin Island coast are due to recent efforts to study a natural oil seep there. Eastern Lancaster Sound was studied extensively as part of an environmental impact survey for proposed oil exploration. Interest in the North Water and the flow through Smith Sound has produced many data sets in these areas.

CURRENT METER

The distribution of current meter moorings (Figure 5) reflects the main areas of scientific and industrial interest. The moorings in Smith Sound and Nares Strait were deployed to study the dynamics of flow through the Nares Strait waterway. Near Disko Island and in northwestern Baffin Bay current meters were used to provide data for analyzing the possible effects of offshore oil exploration.

There is a lack of direct current measurements in the West Greenland Current. To date, little is known of the actual magnitude of the flow and its seasonal variability.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INSTITUTE OF OCEAN SCIENCES, 1982
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Figure 4a: The locations of all temperature and salinity measurements.

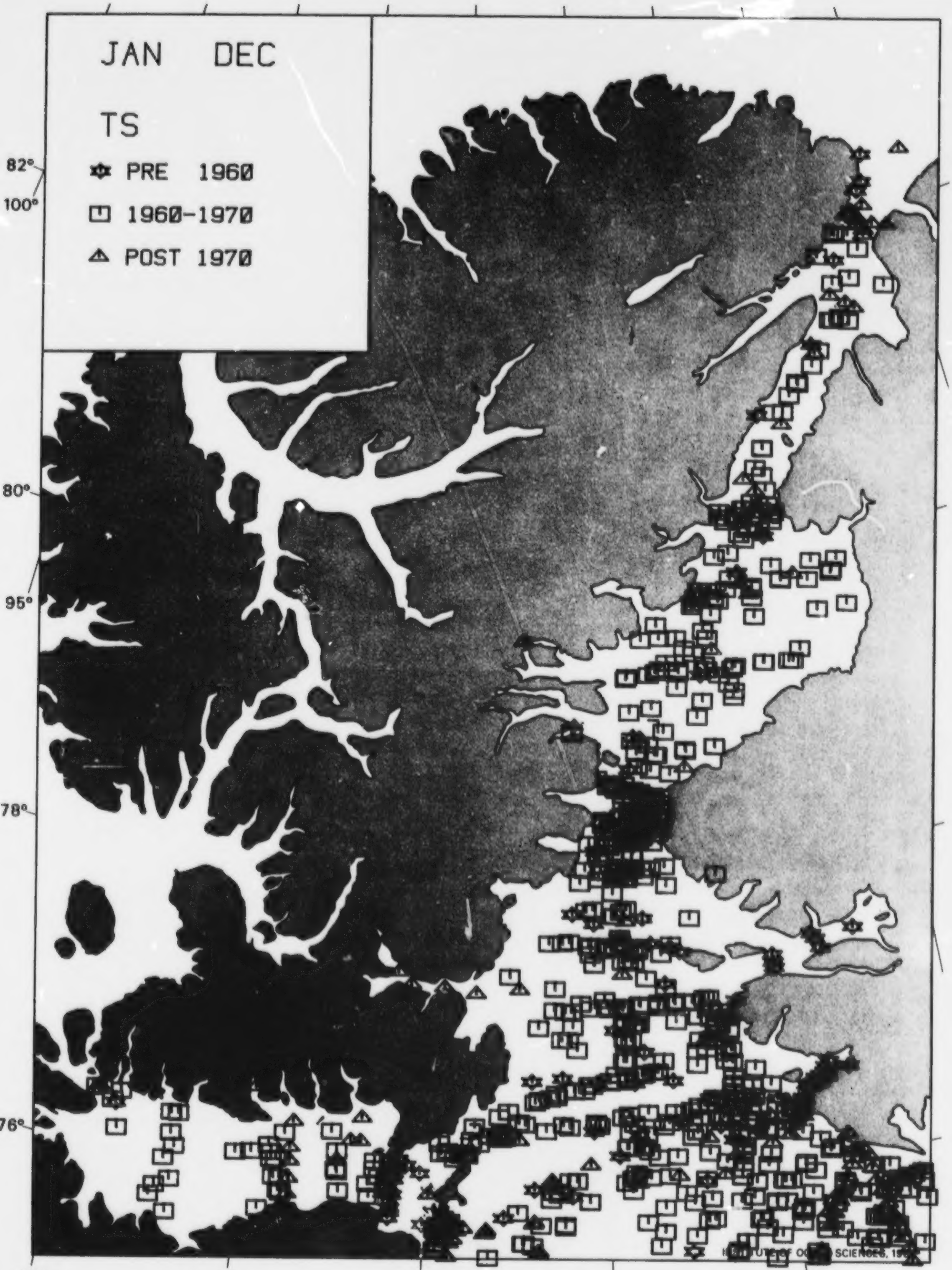
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Figure 4b: The locations of all temperature and salinity measurements.

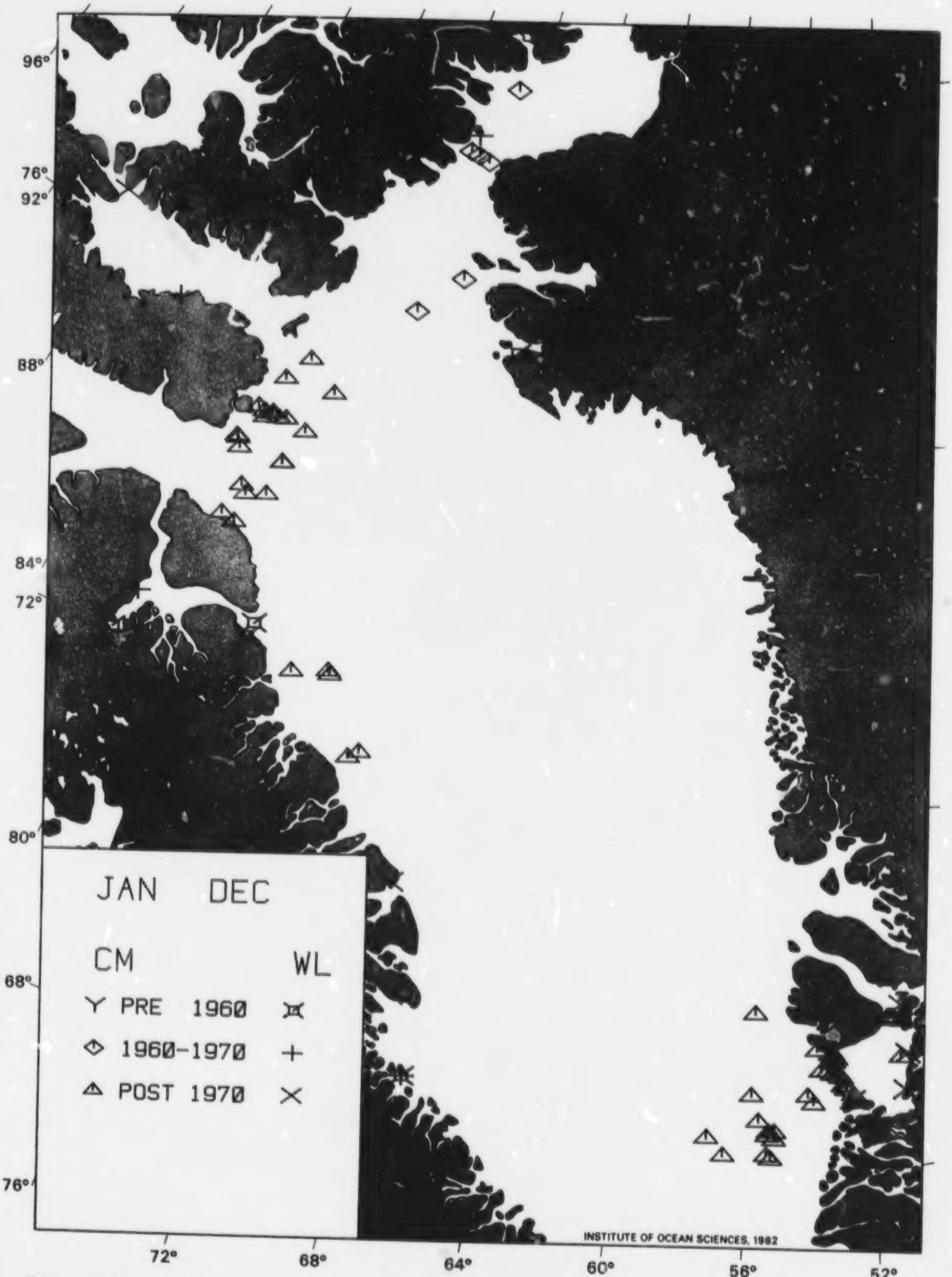
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Figure 5a: The locations of all moored current meter and water level measurements.

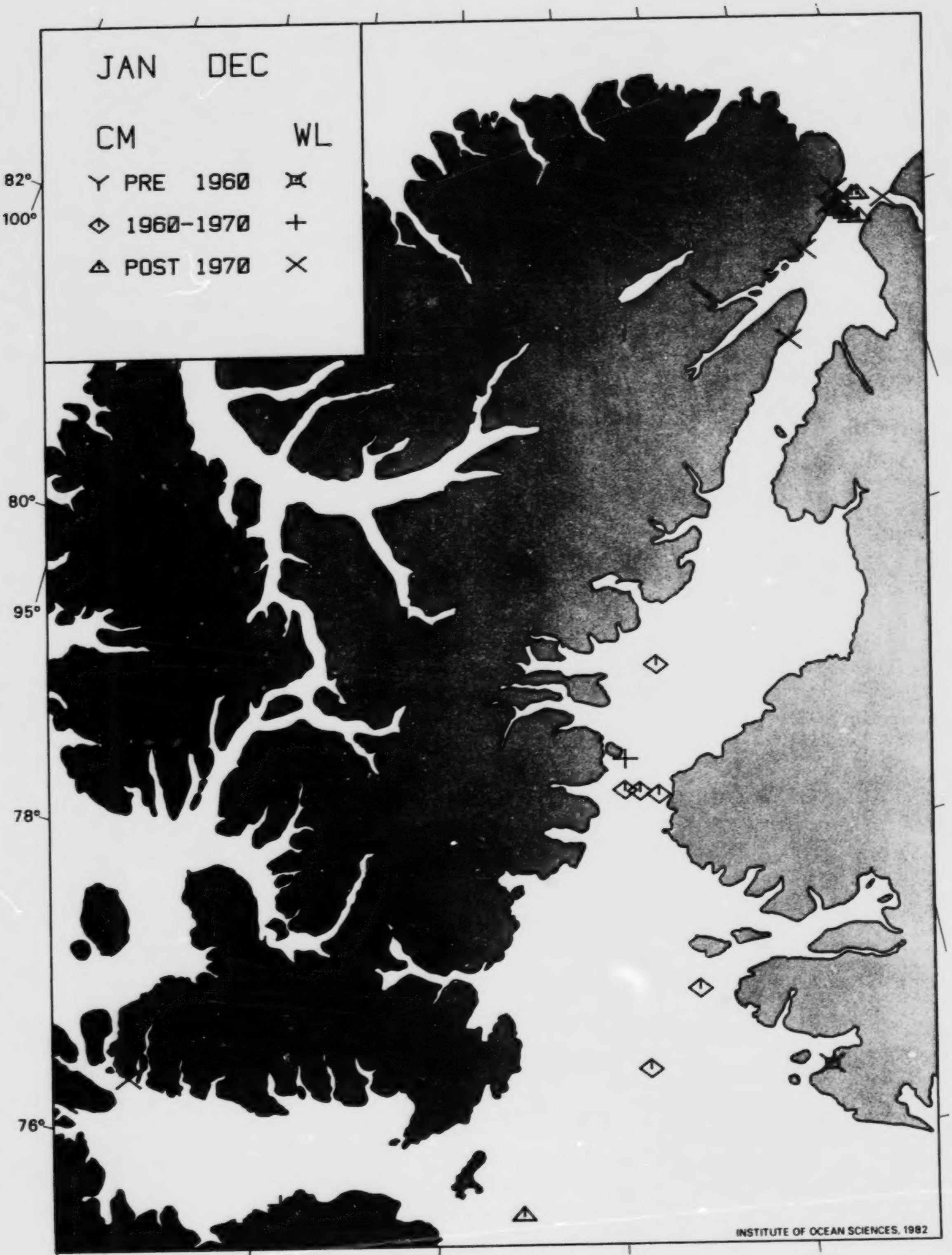
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Figure 5b: The locations of all moored current meter and water level measurements.

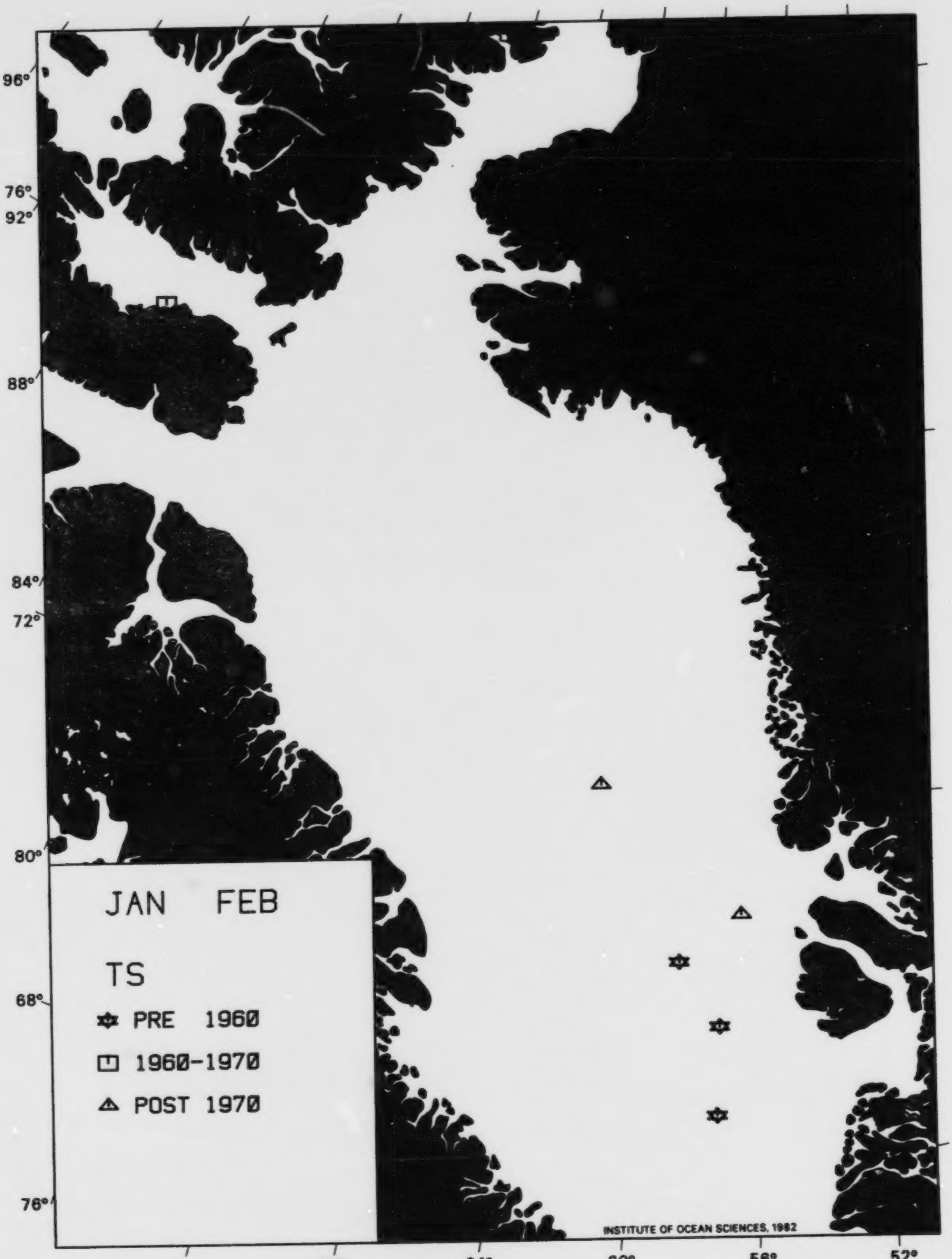
6.2 SEASONAL COVERAGE, INCLUDING BI-MONTHLY MAPS

BOTTLE/CTD

Bi-monthly distribution plots have been made in order to identify the seasonal variability in data collection. The bottle/CTD plots (Figures 6-11) show a concentration of observations in the relatively ice-free months of July through October. Little winter data exists.

CURRENT METER

The difficulty of winter operation produced a bias for summer current meter mooring work (Figures 12-17). The only winter records were obtained in northwestern Baffin Bay, near the entrance to Lancaster Sound.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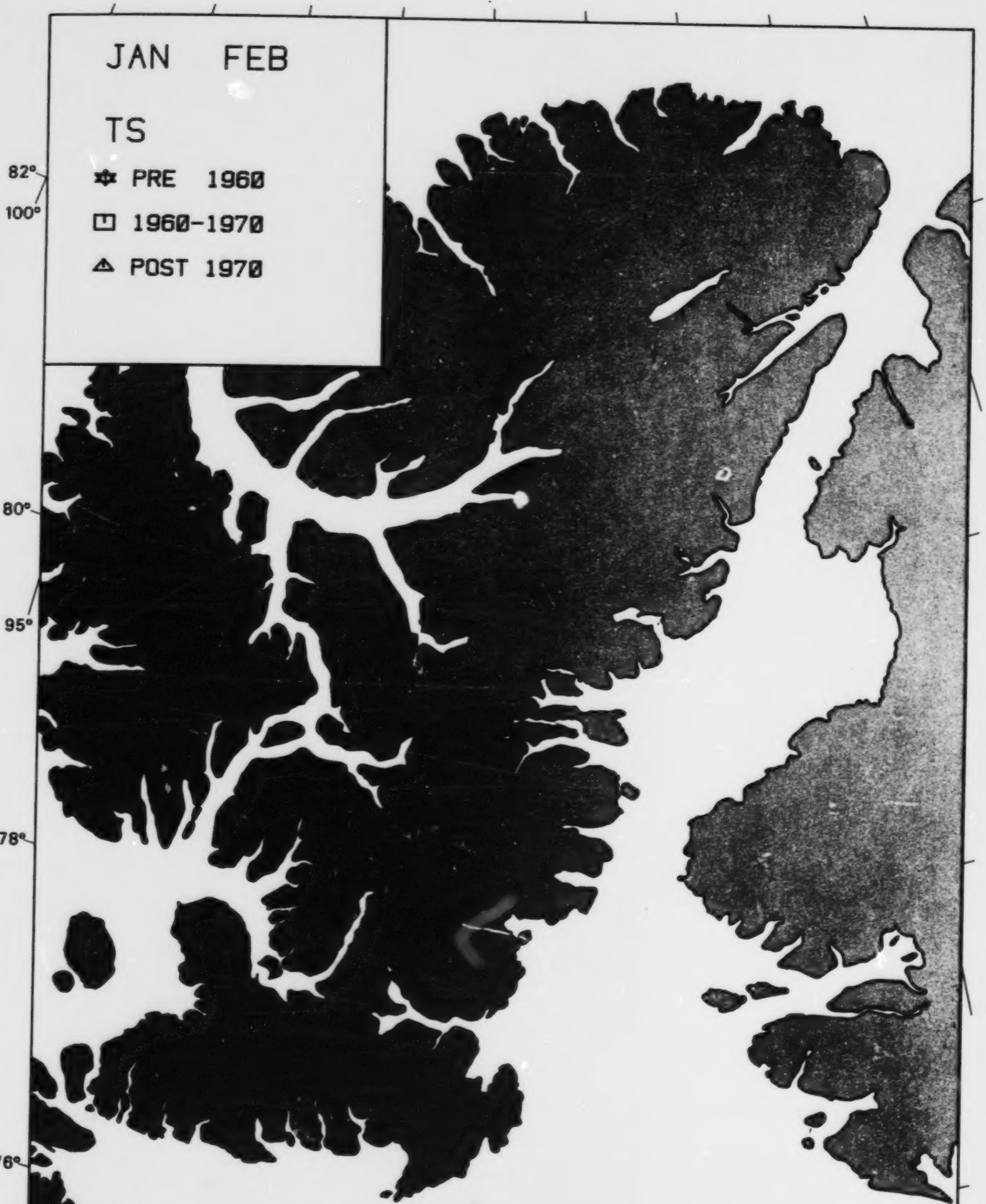
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 6a: The locations of temperature/salinity profile data collected during the January-February period, all years.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INSTITUTE OF OCEAN SCIENCES, 1982

Figure 6b: The locations of temperature/salinity profile data collected during the January-February period, all years.

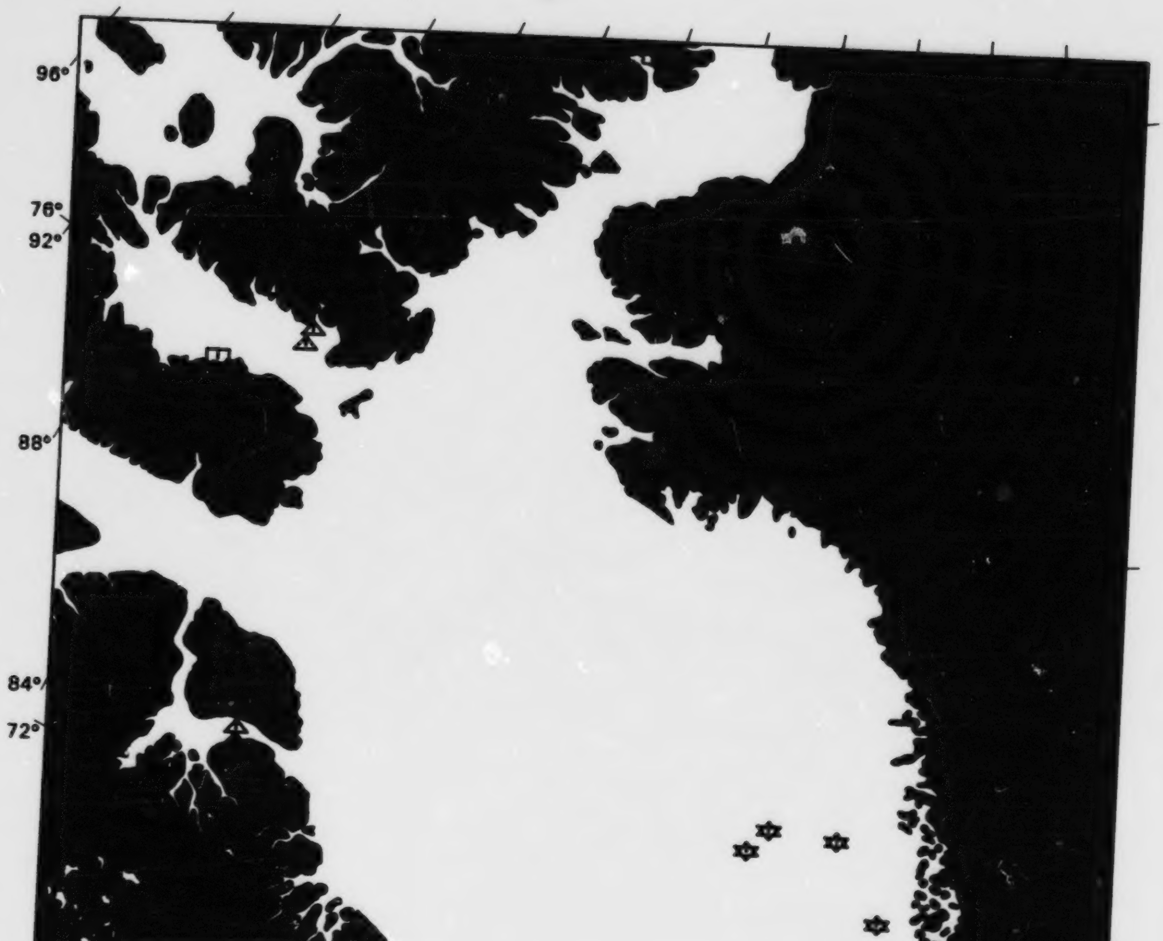
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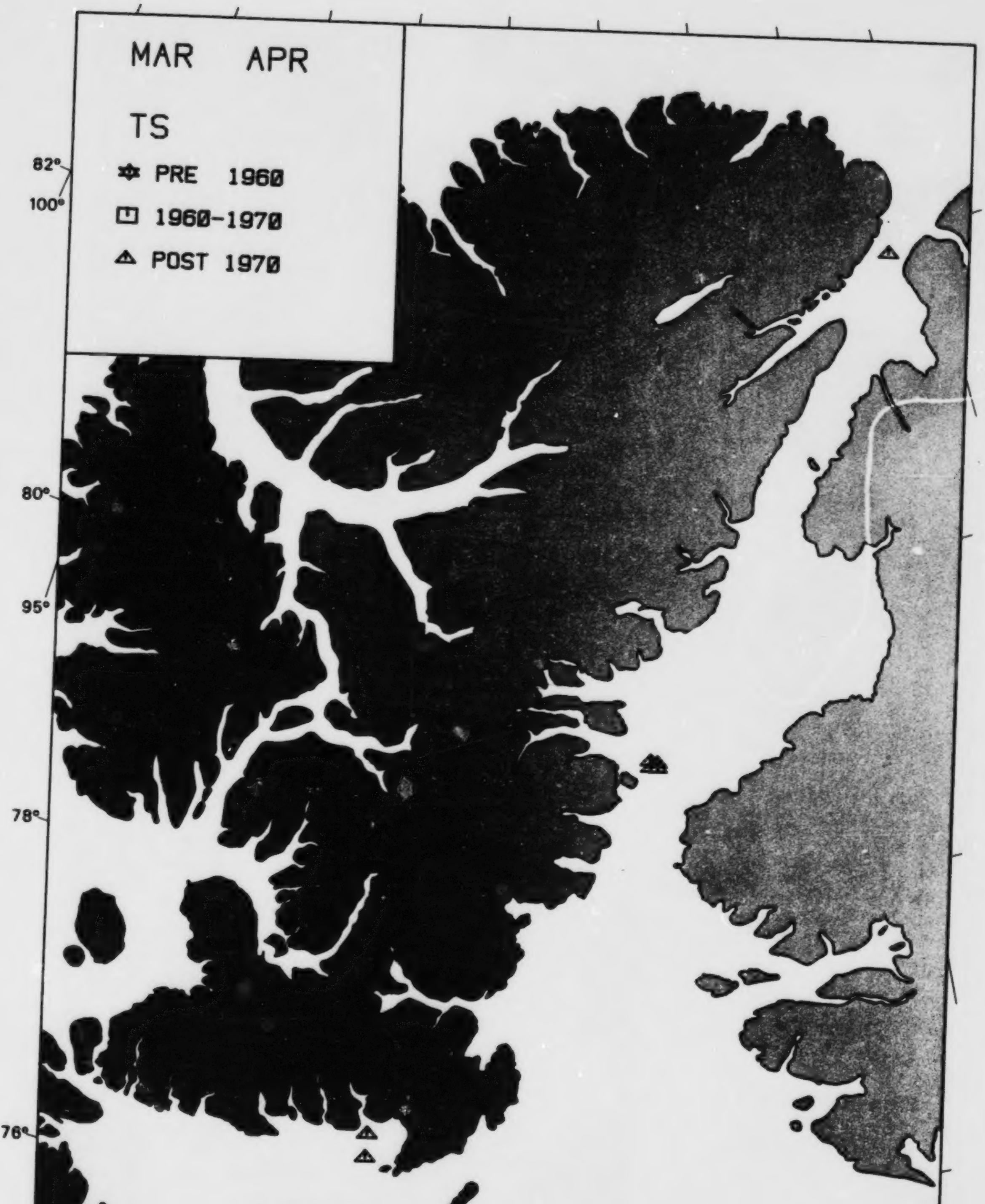
Figure 7a: The locations of temperature/salinity profile data collected during the March-April period, all years.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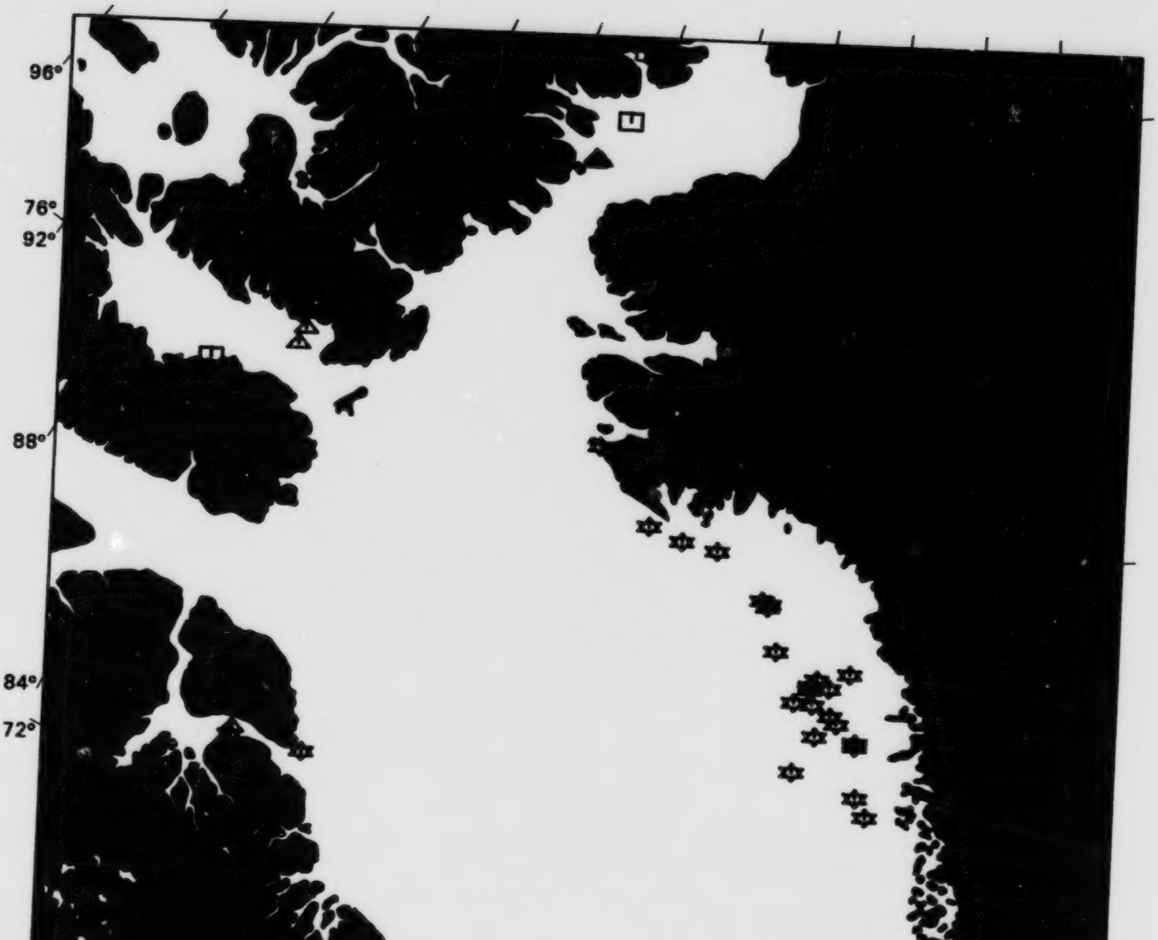
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 7b: The locations of temperature/salinity profile data collected during the March-April period, all years.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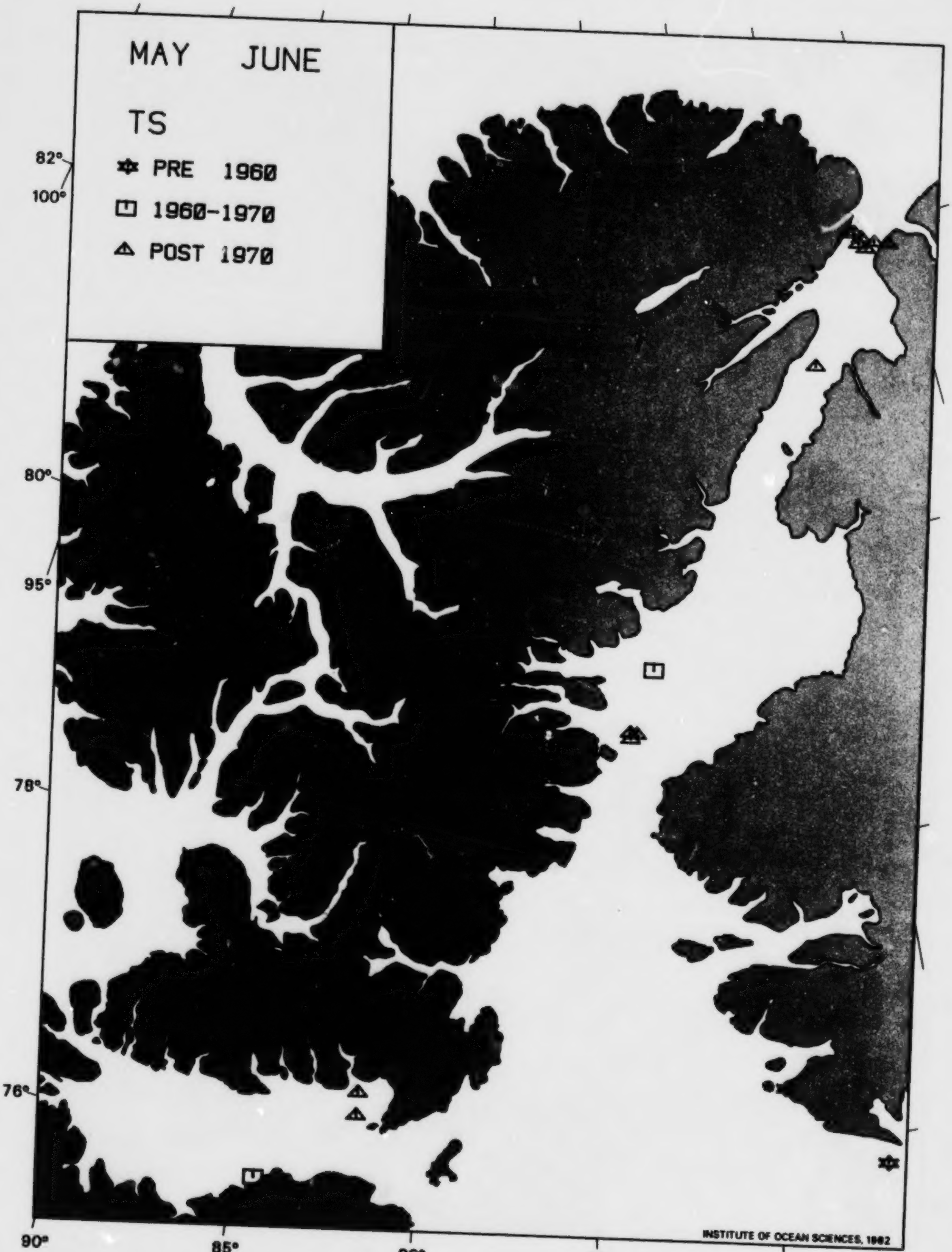
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 8a: The locations of temperature/salinity profile data collected during the May-June period, all years.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INSTITUTE OF OCEAN SCIENCES, 1982

Figure 8b: The locations of temperature/salinity profile data collected during the May-June period, all years.

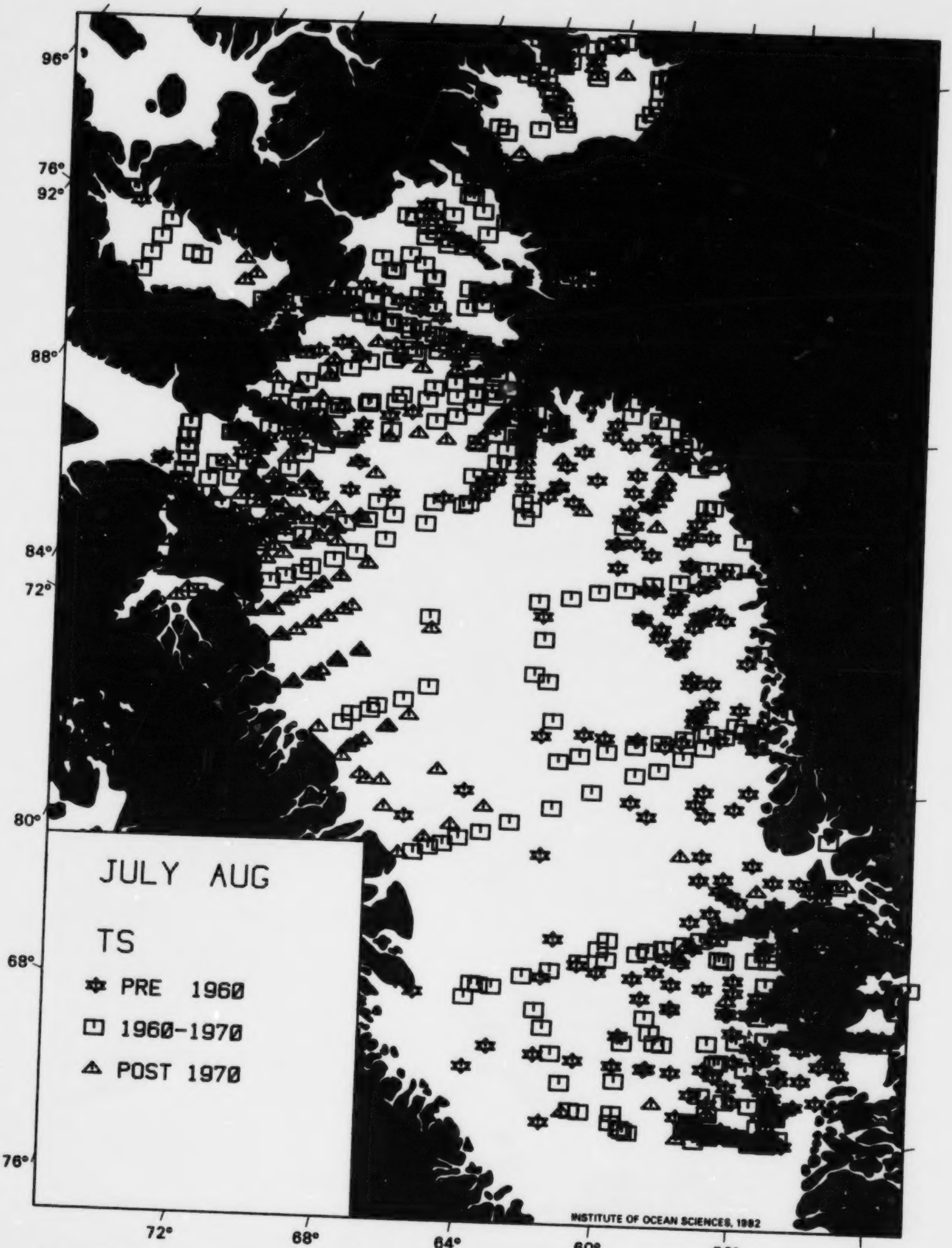
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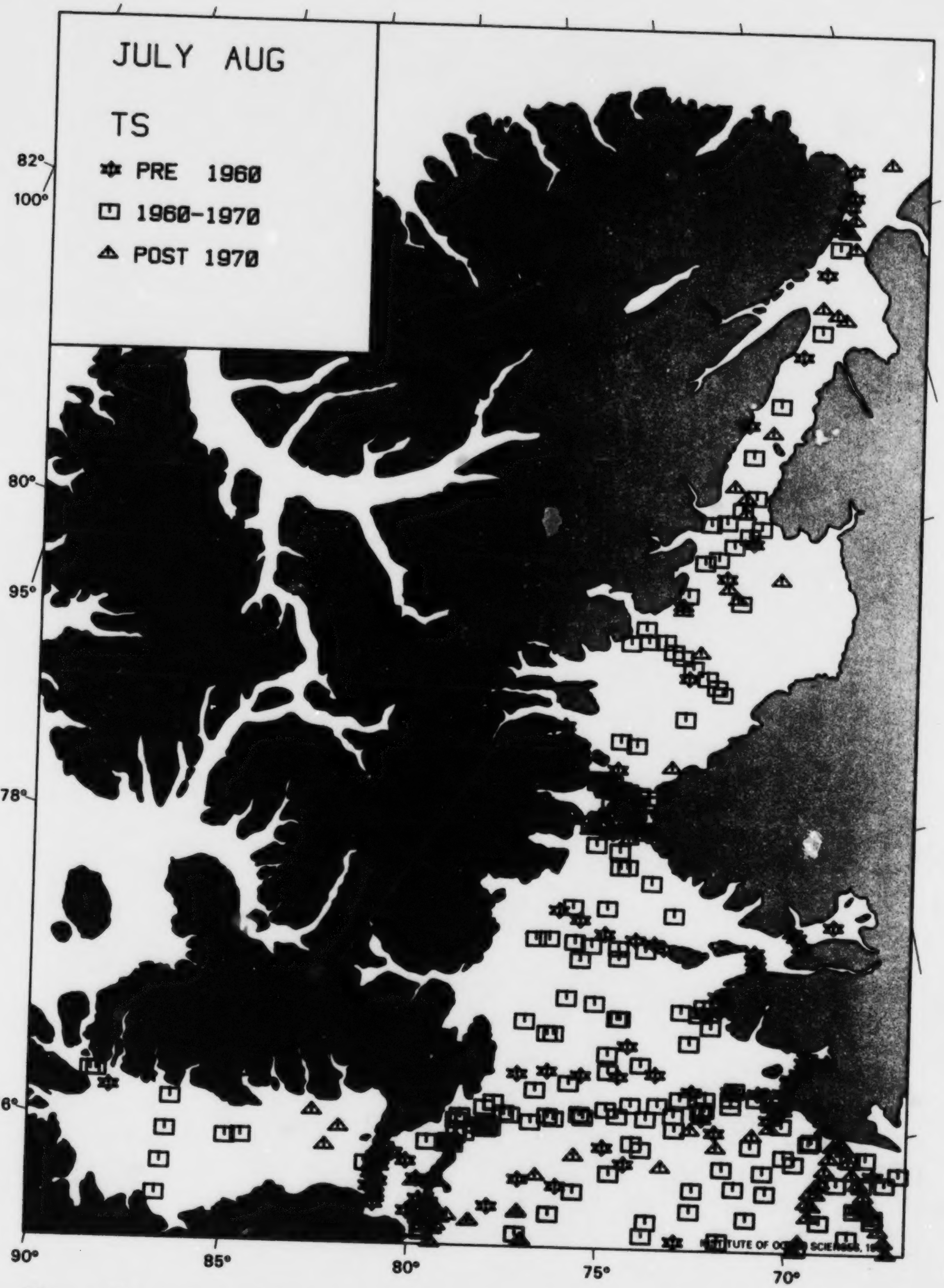
Figure 9a: The locations of temperature/salinity profile data collected during the July-August period, all years.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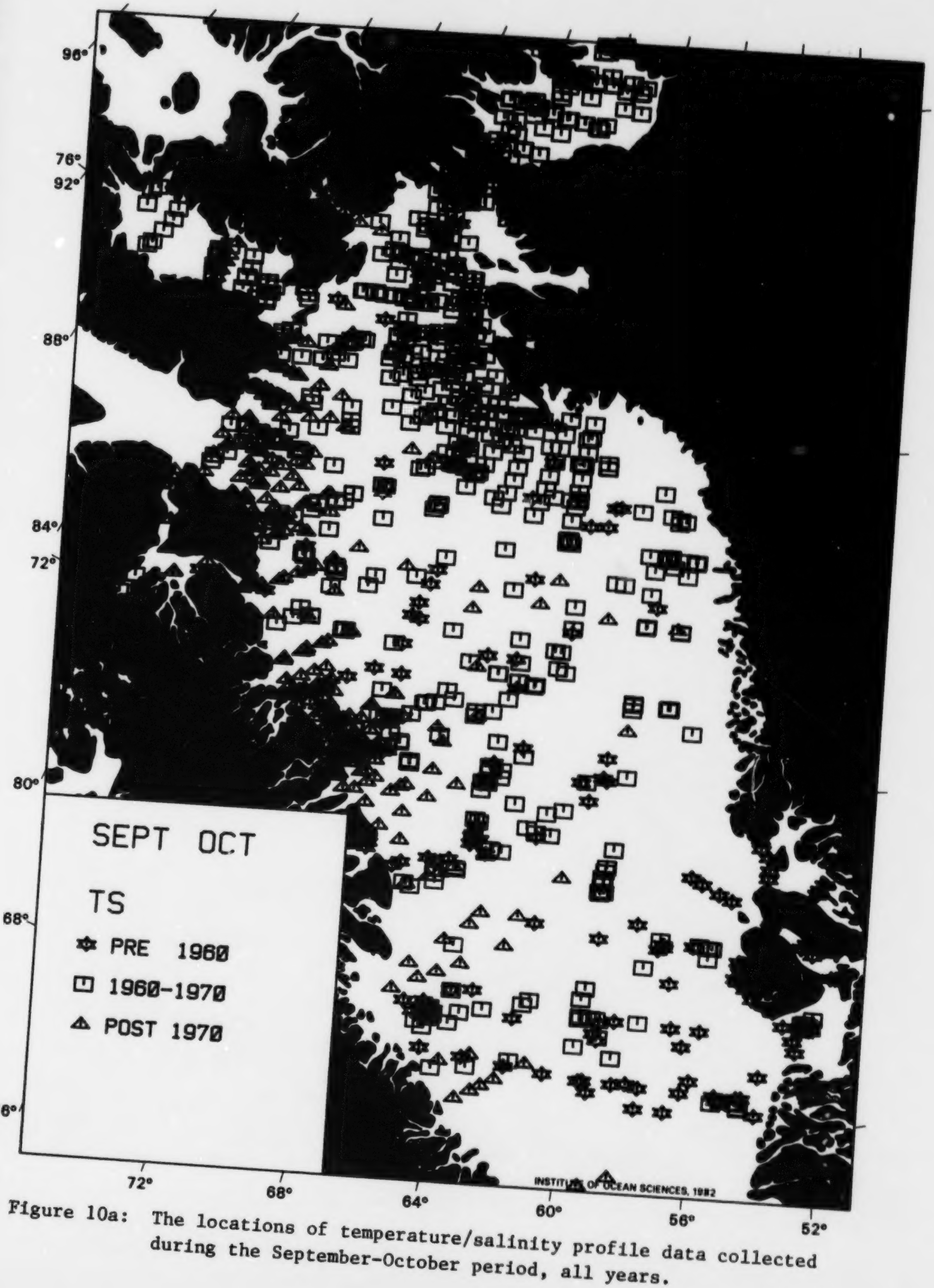
INSTITUTE OF OCEAN SCIENCES, 19

Figure 9b: The locations of temperature/salinity profile data collected during the July-August period, all years.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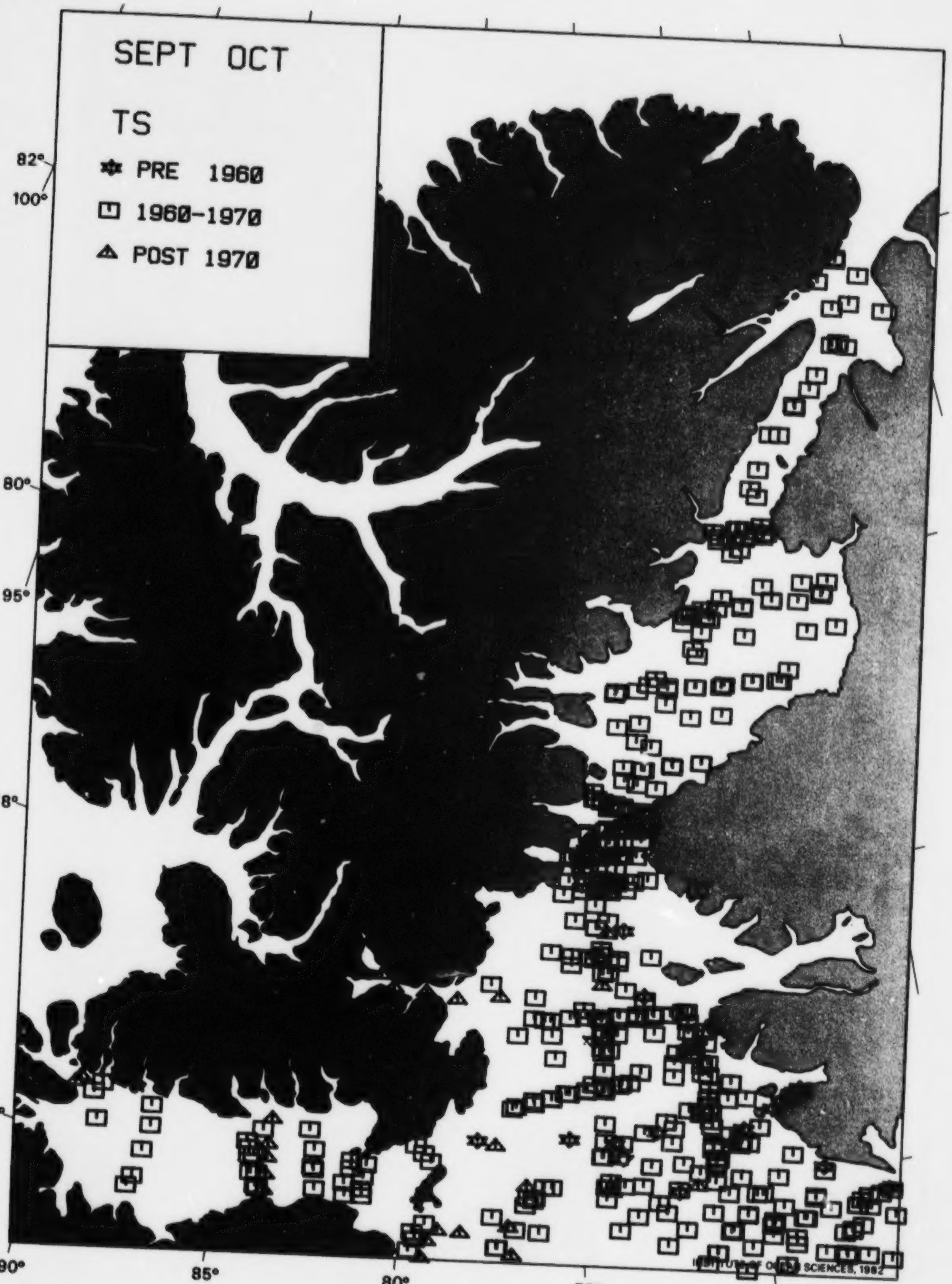
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 10a: The locations of temperature/salinity profile data collected during the September-October period, all years.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INSTITUTE OF OCEAN SCIENCES, 1982

Figure 10b: The locations of temperature/salinity profile data collected during the September-October period, all years.

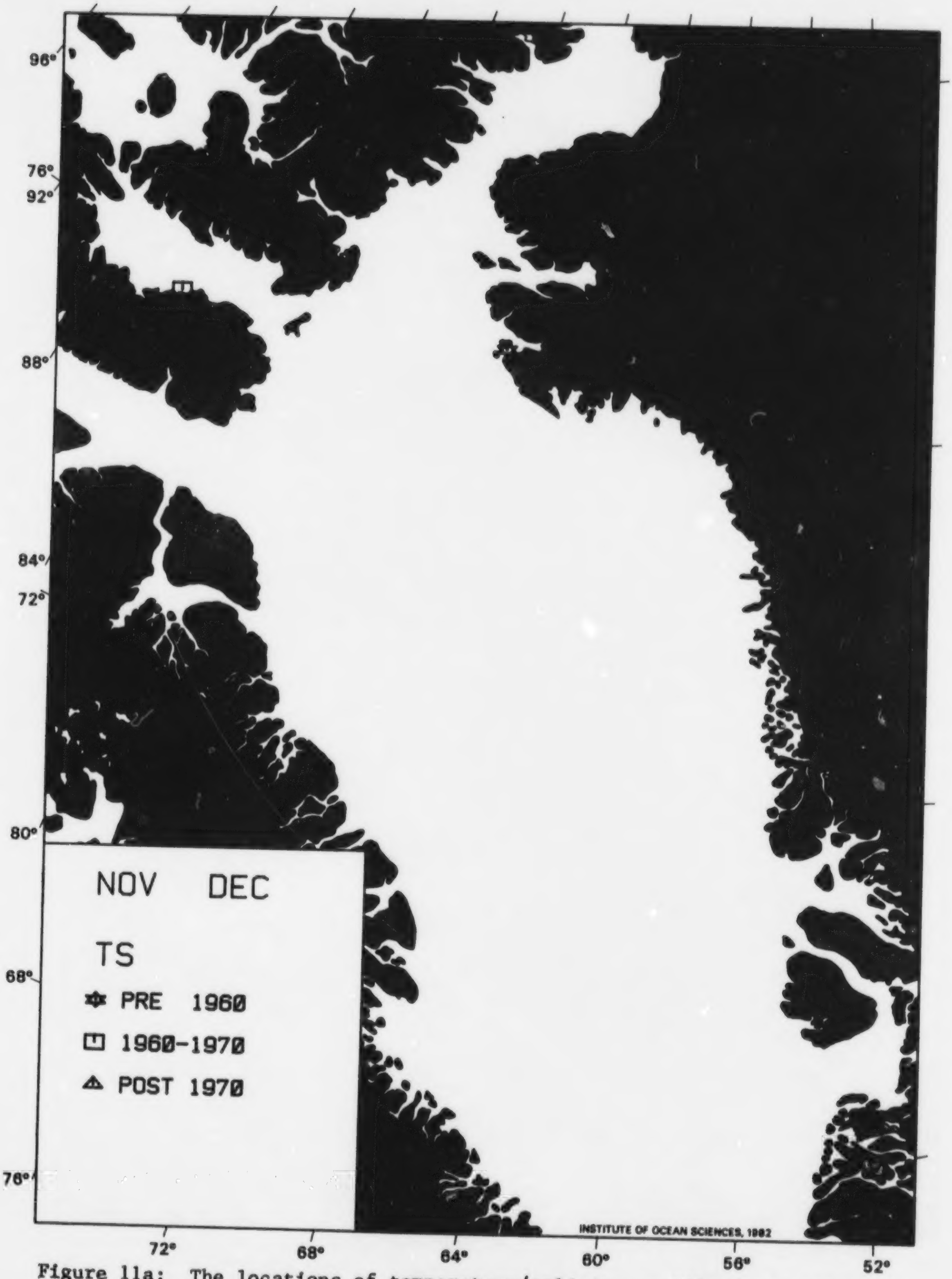
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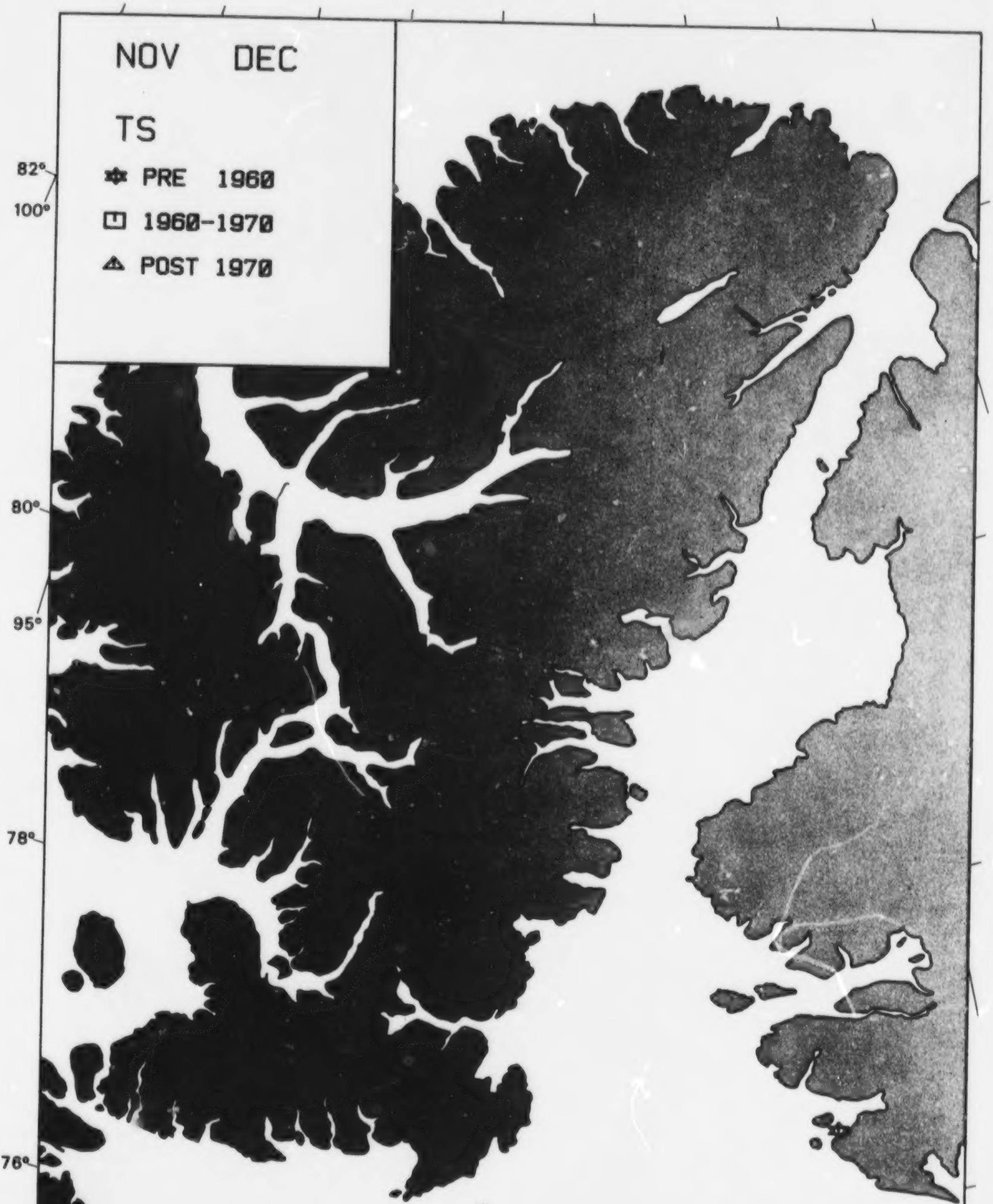
Figure 11a: The locations of temperature/salinity profile data collected during the November-December period, all years.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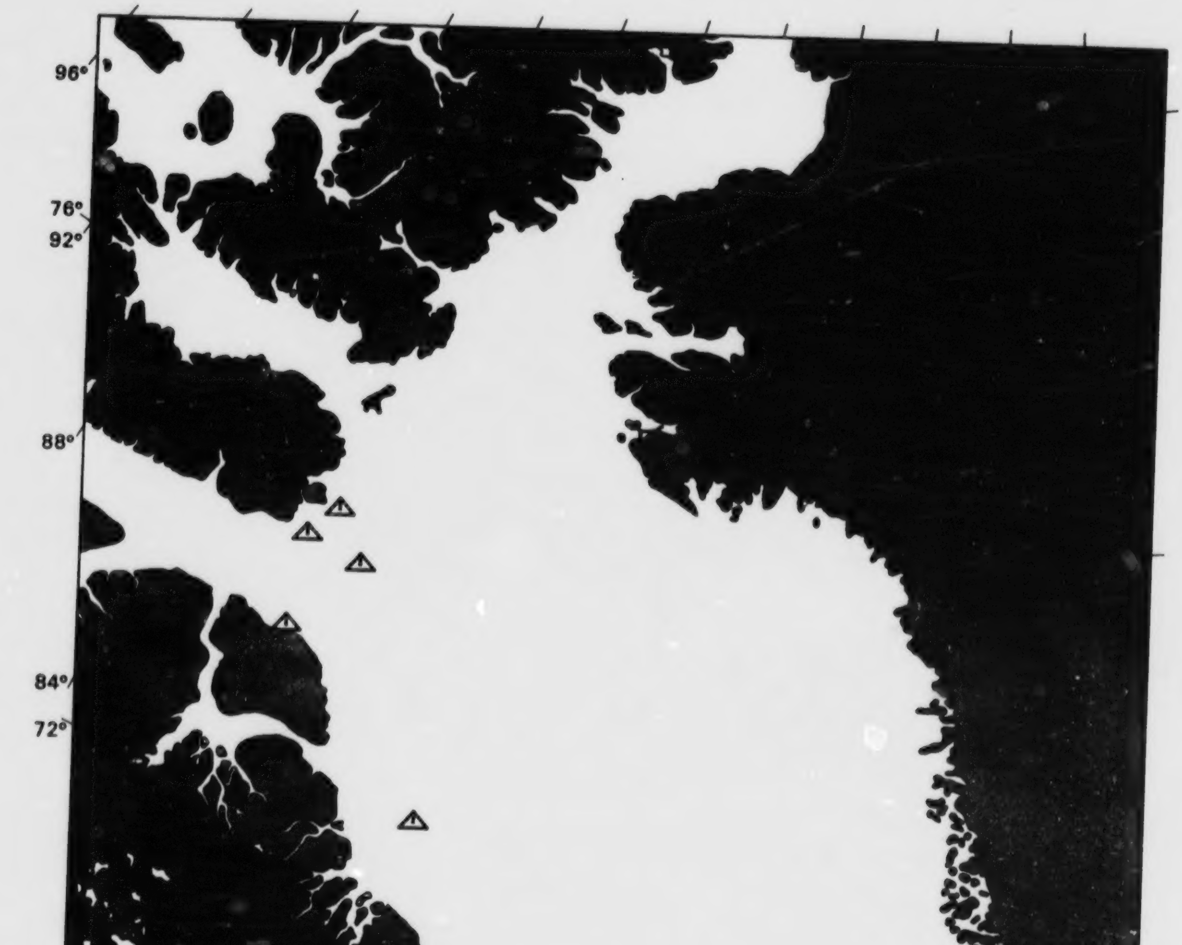
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 11b: The locations of temperature/salinity profile data collected during the November-December period, all years.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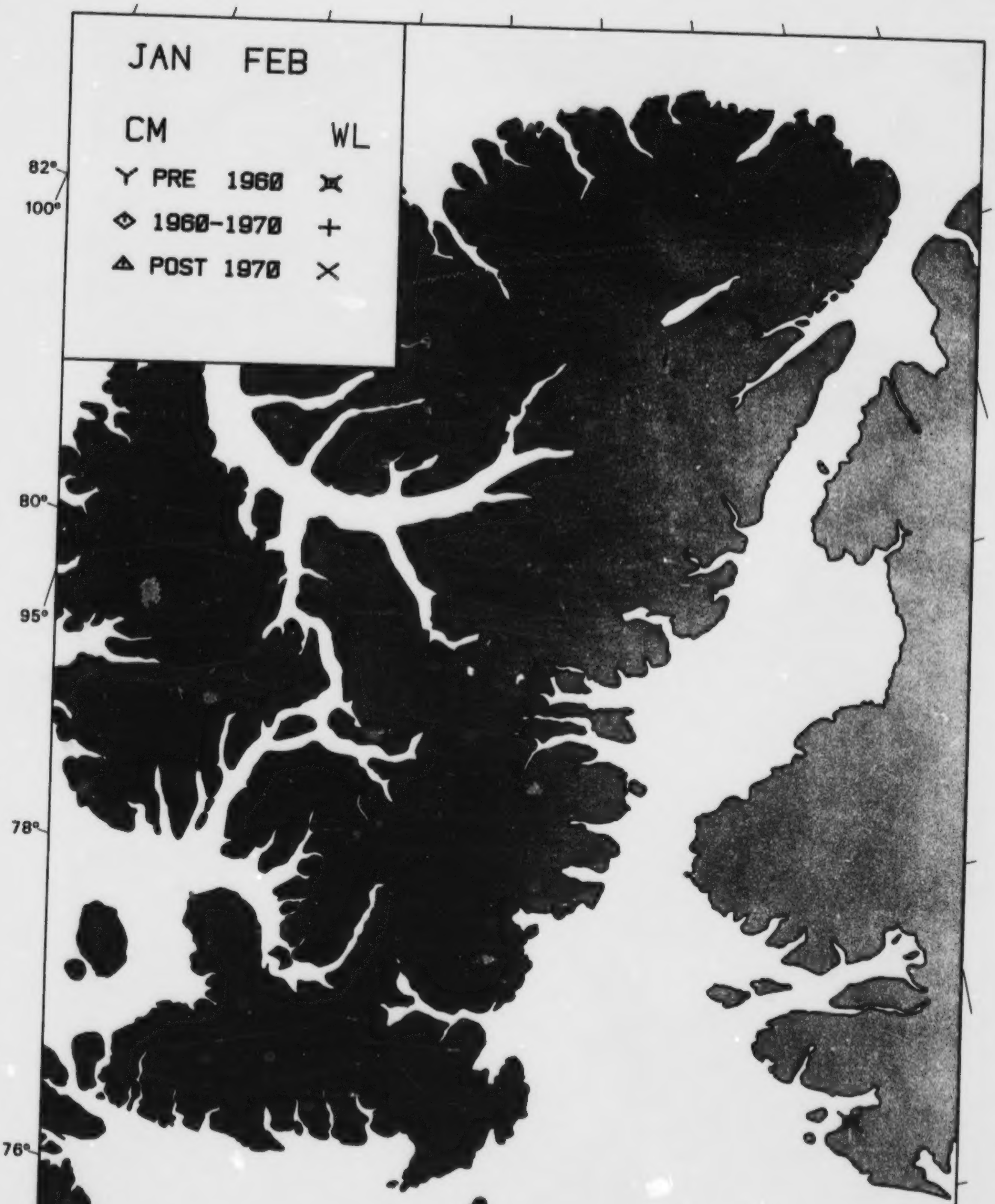
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 12a: The locations of all current meter and water level stations in place during the January-February period, all years.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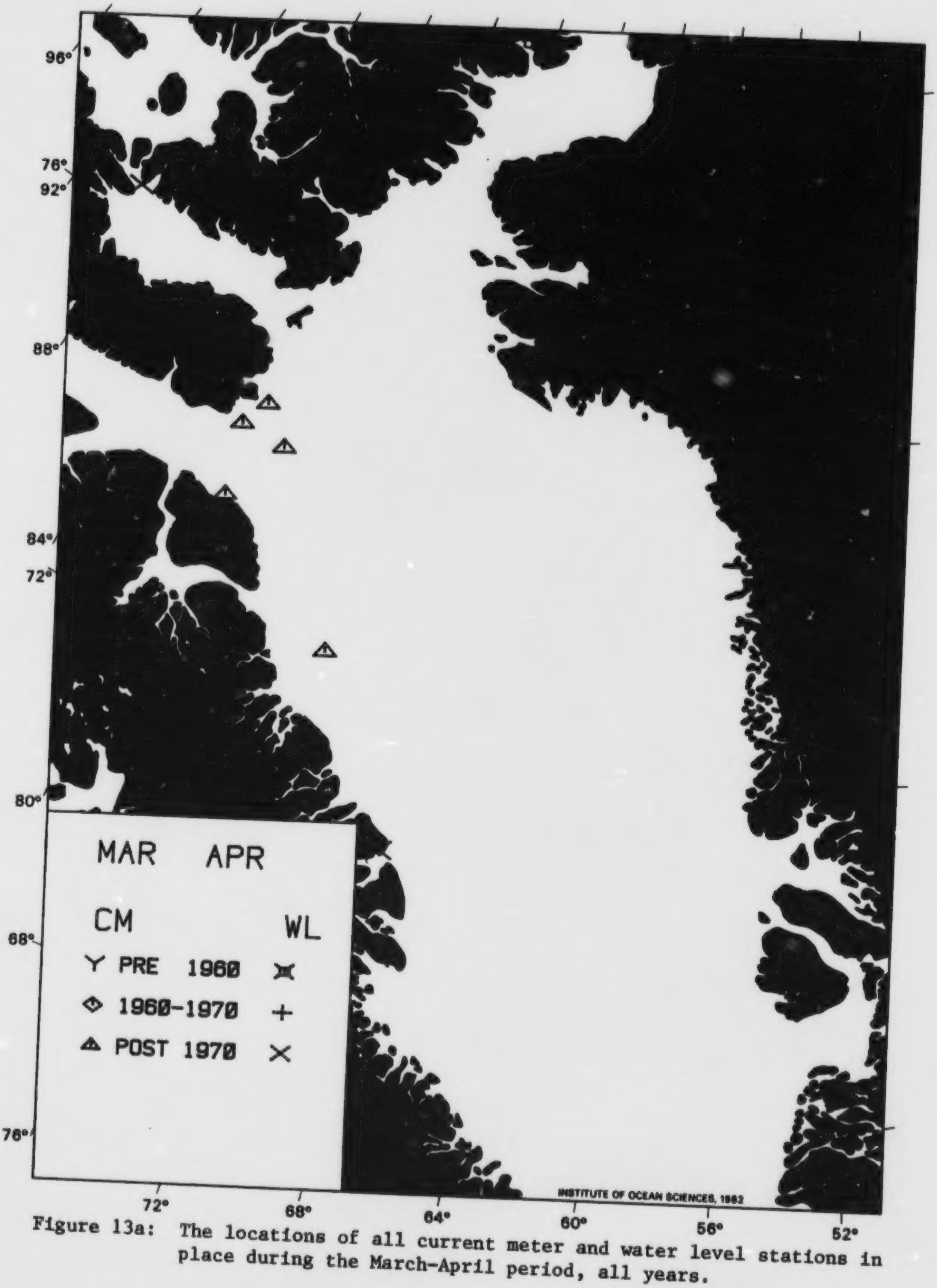
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 12b: The locations of all current meter and water level sations in place during the January-February period, all years.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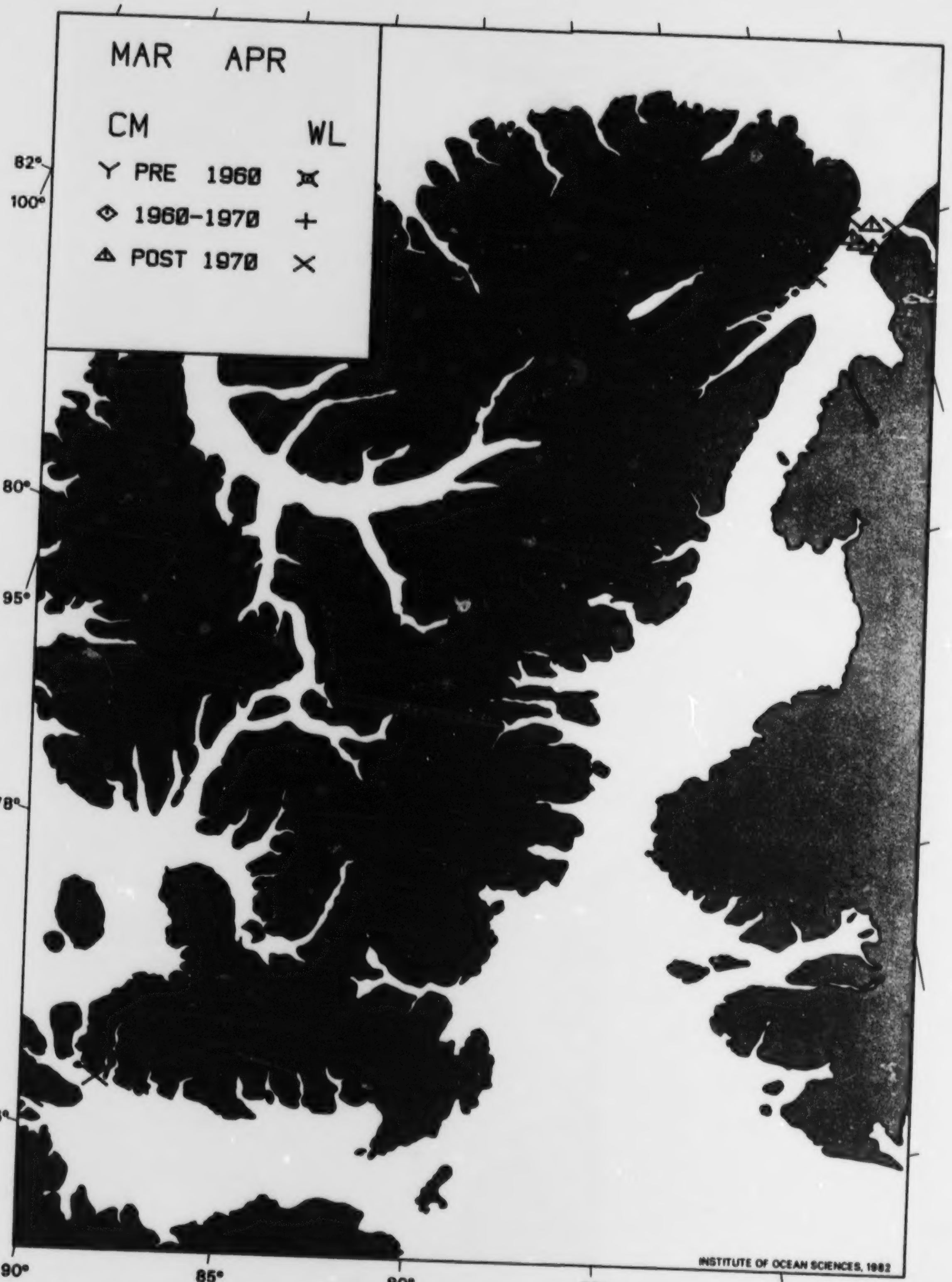
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 13a: The locations of all current meter and water level stations in place during the March-April period, all years.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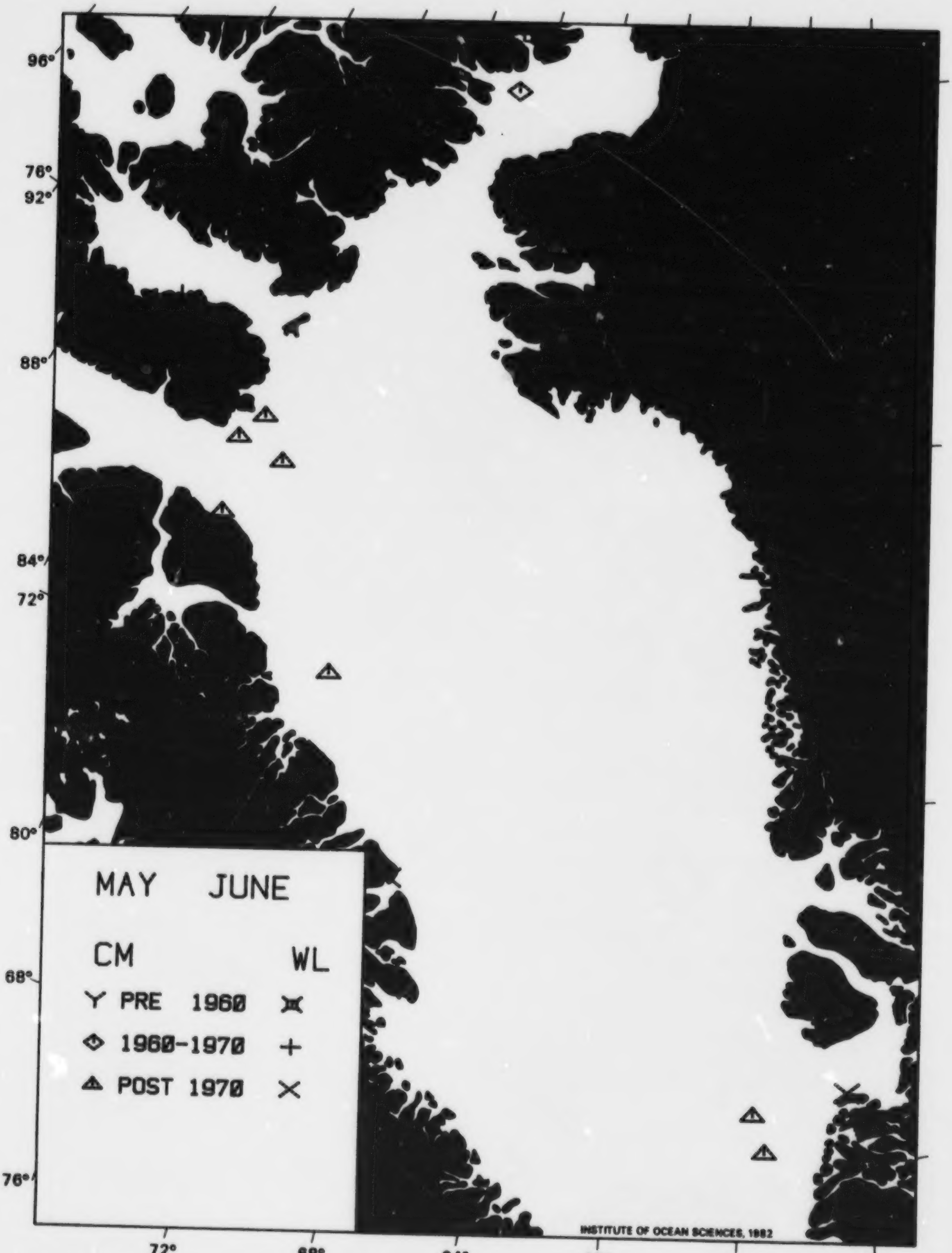
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 13b: The locations of all current meter and water level stations in place during the March-April period, all years.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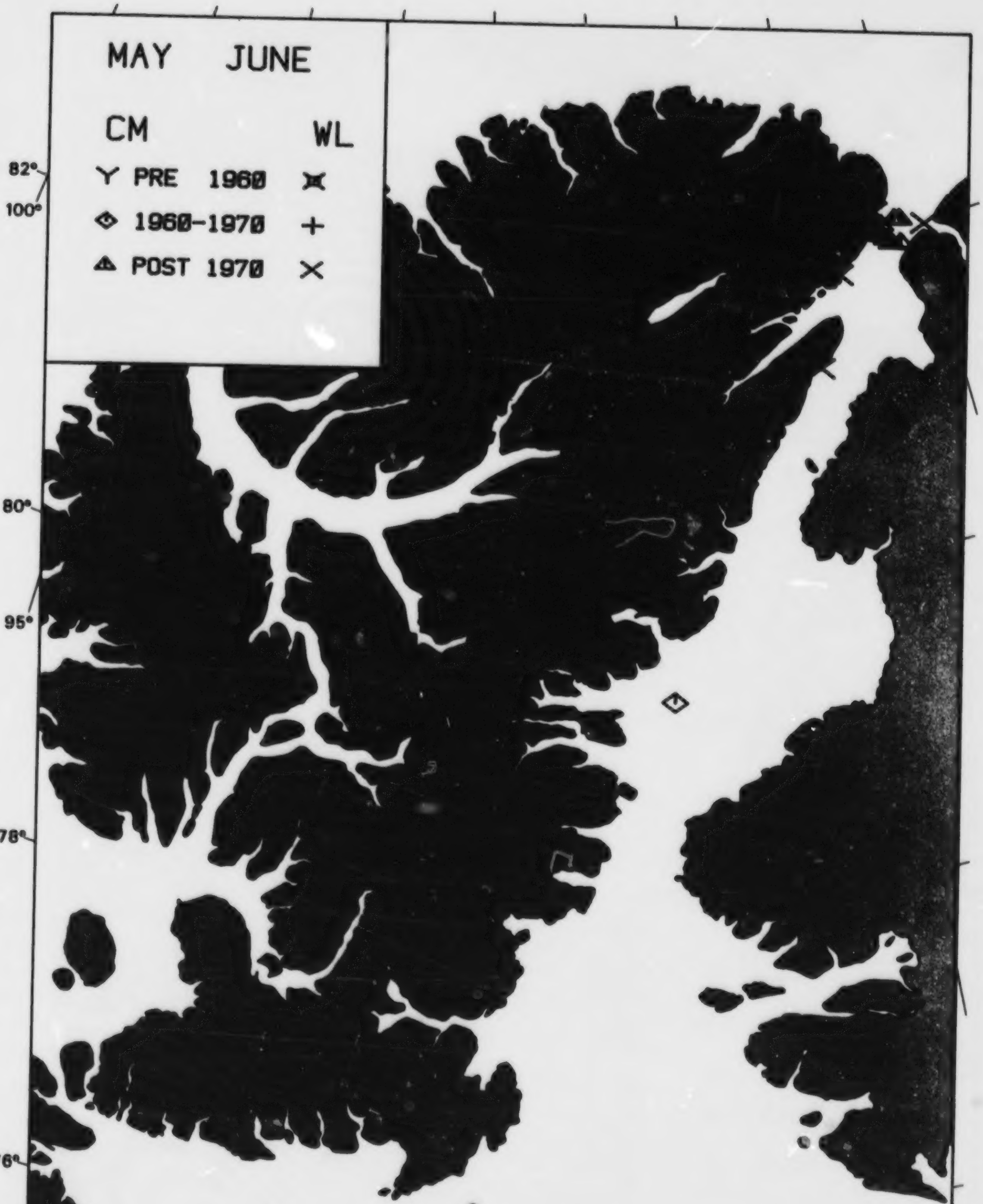
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 14a: The locations of all current meter and water level stations in place during the May-June period, all years.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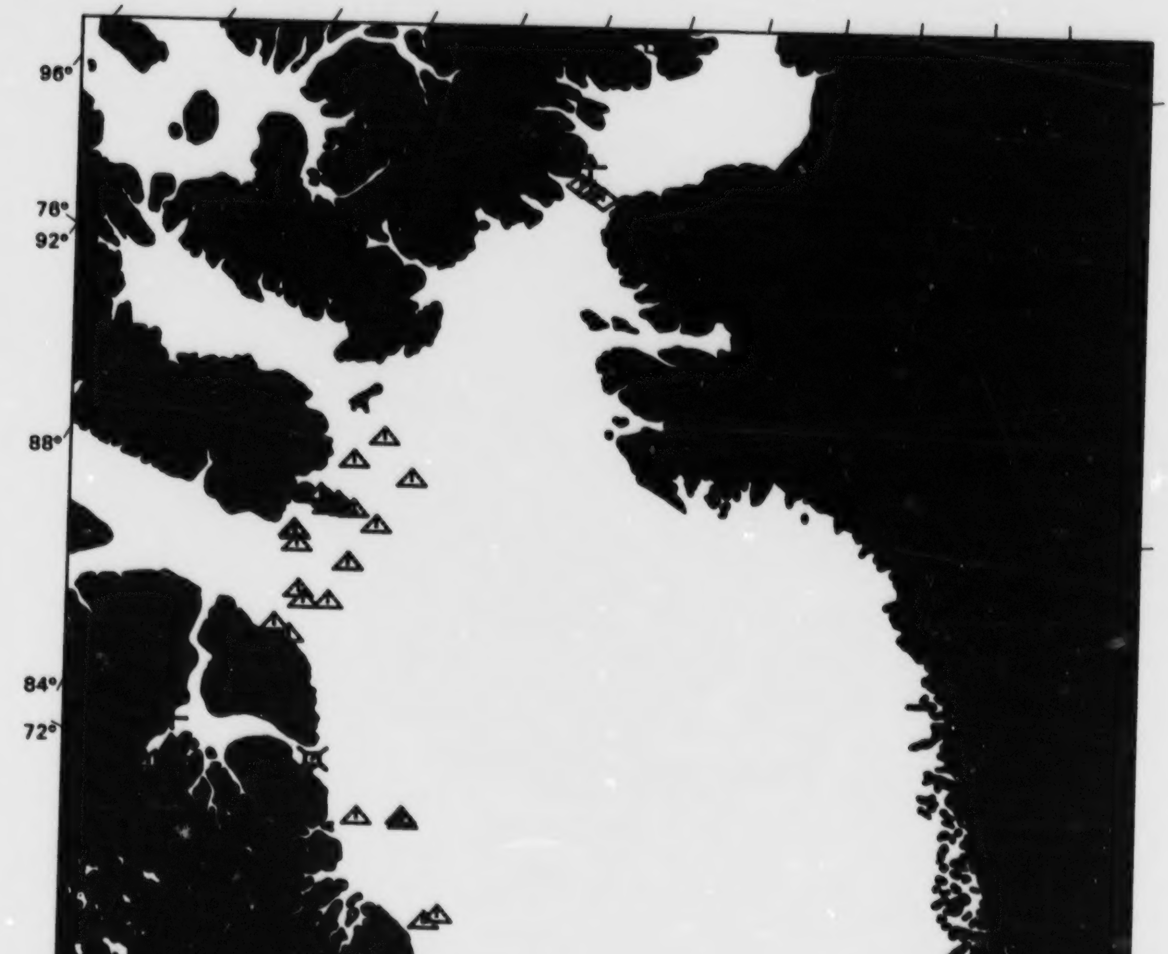
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 14b: The locations of all current meter and water level stations in place during the May-June period, all years.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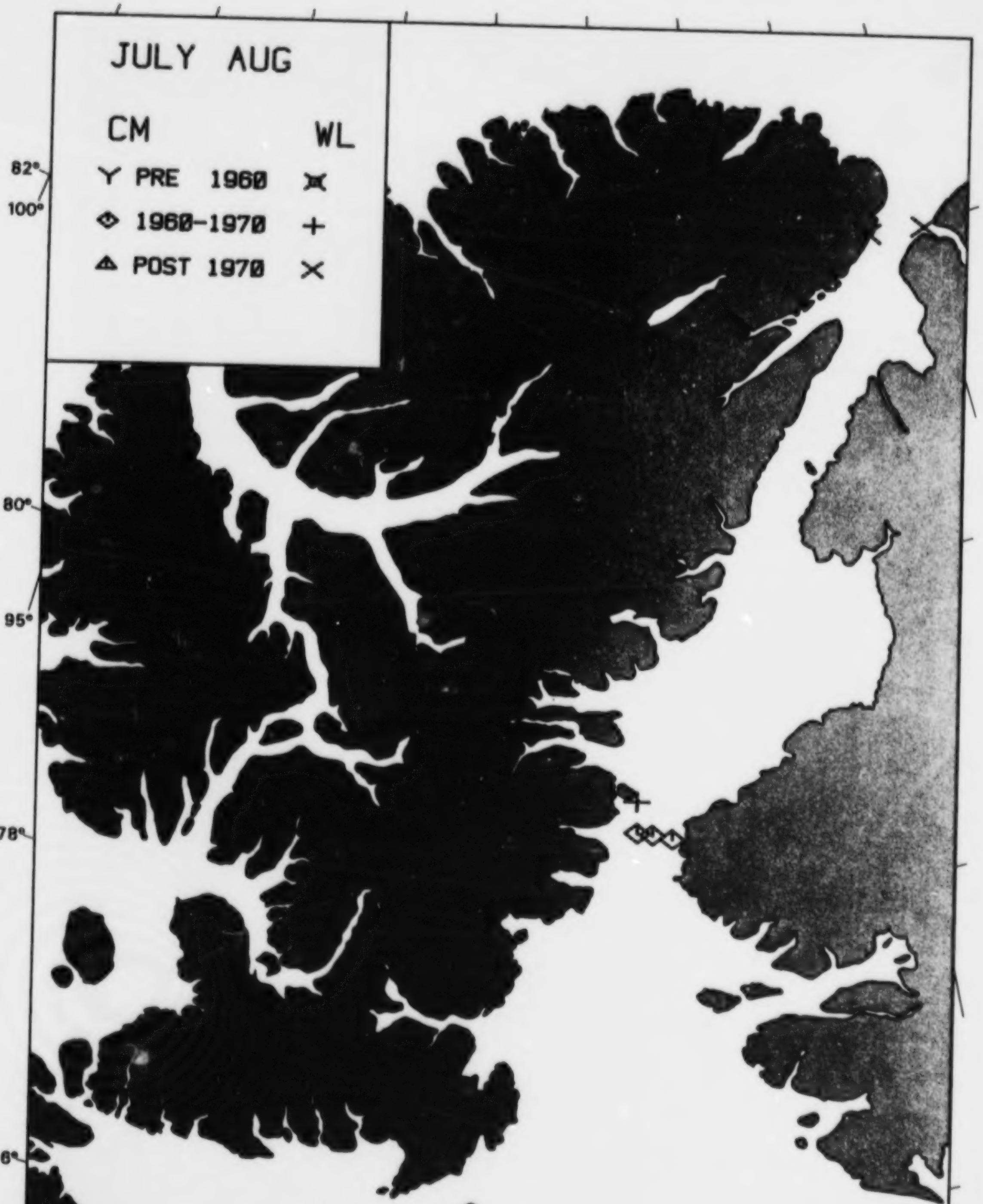
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 15a: The locations of all current meter and water level stations in place during the July-August period, all years.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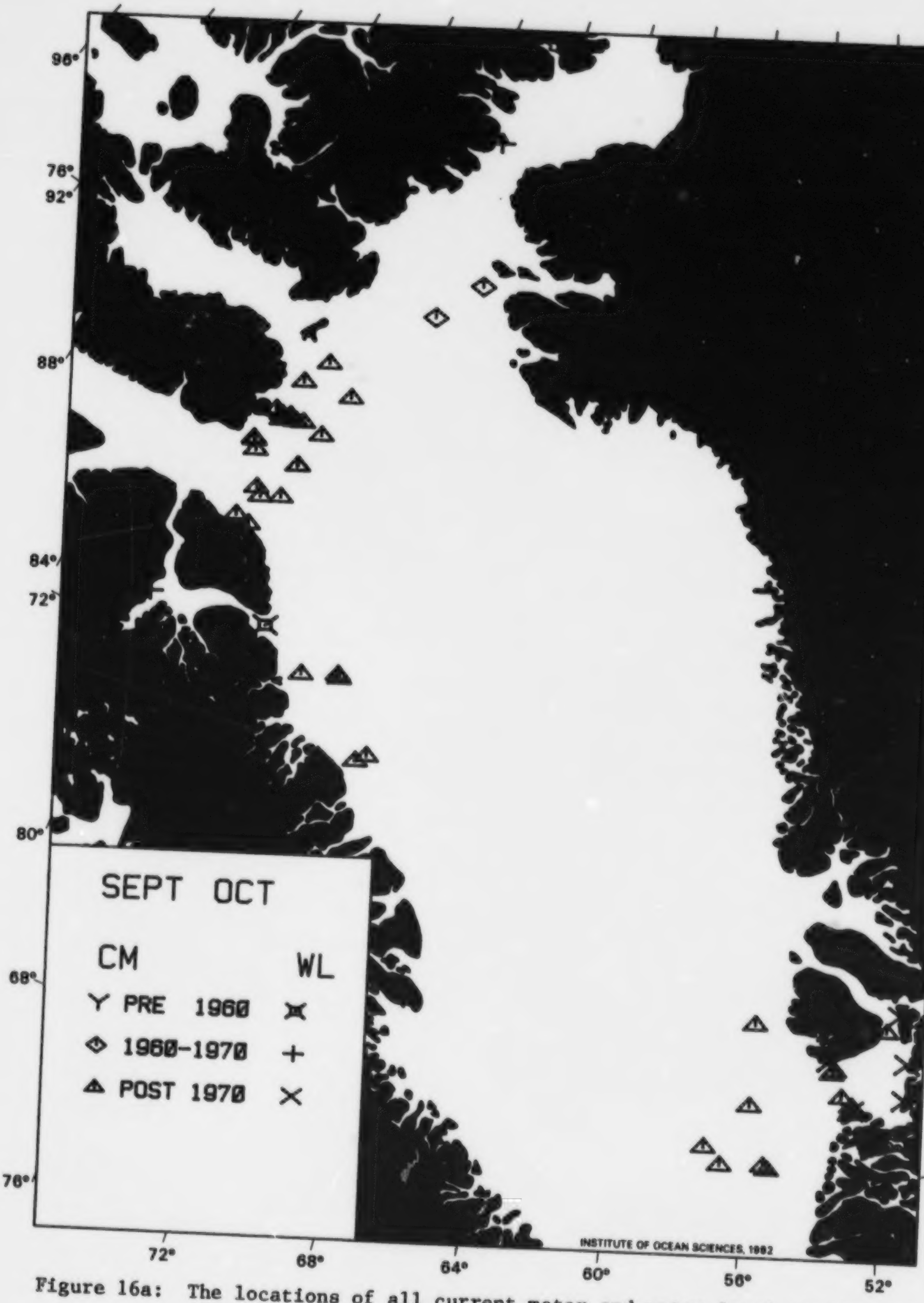
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 15b: The locations of all current meter and water level stations in place during the July-August period, all years.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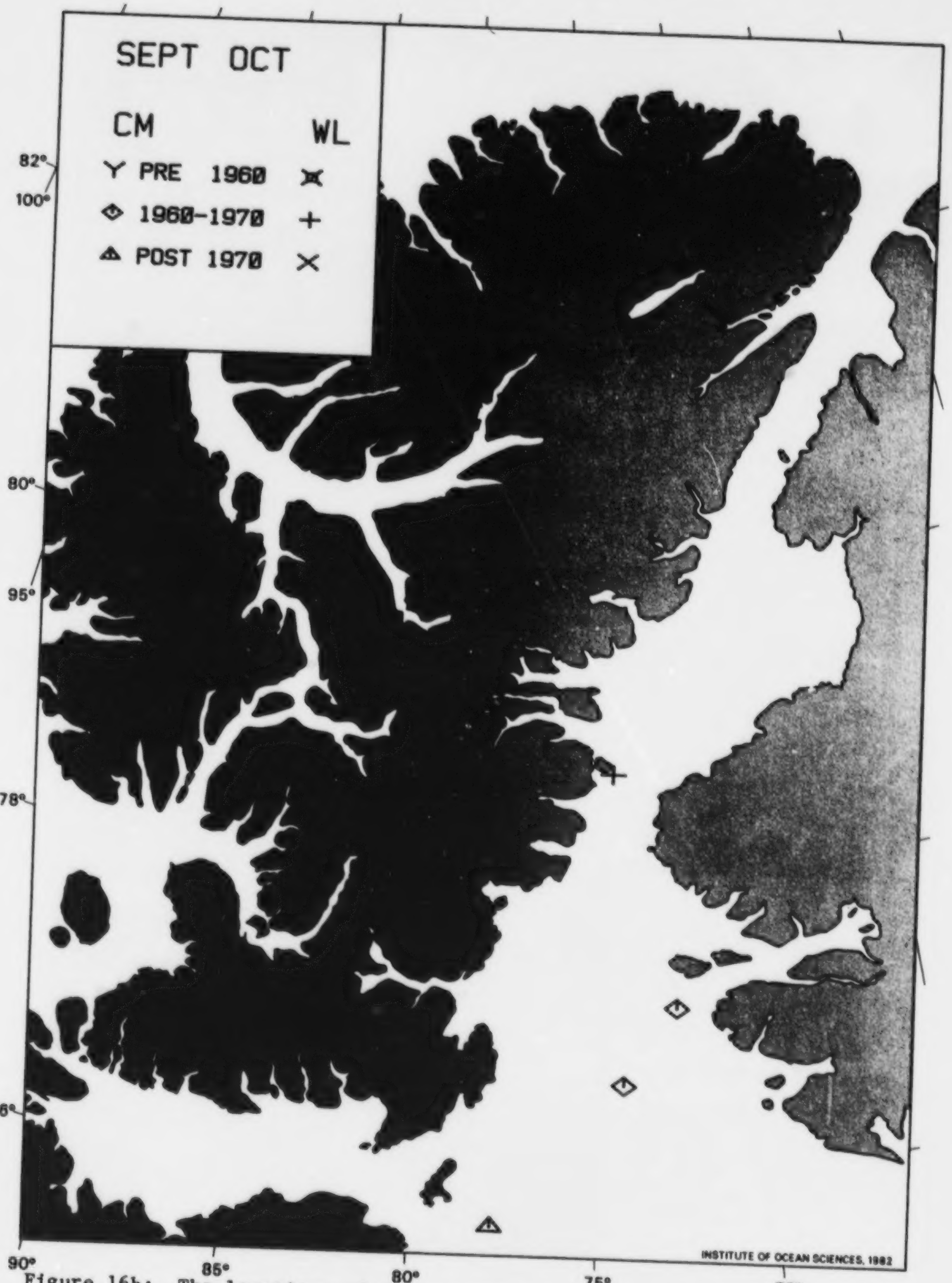
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 16a: The locations of all current meter and water level stations in place during the September-October period, all years.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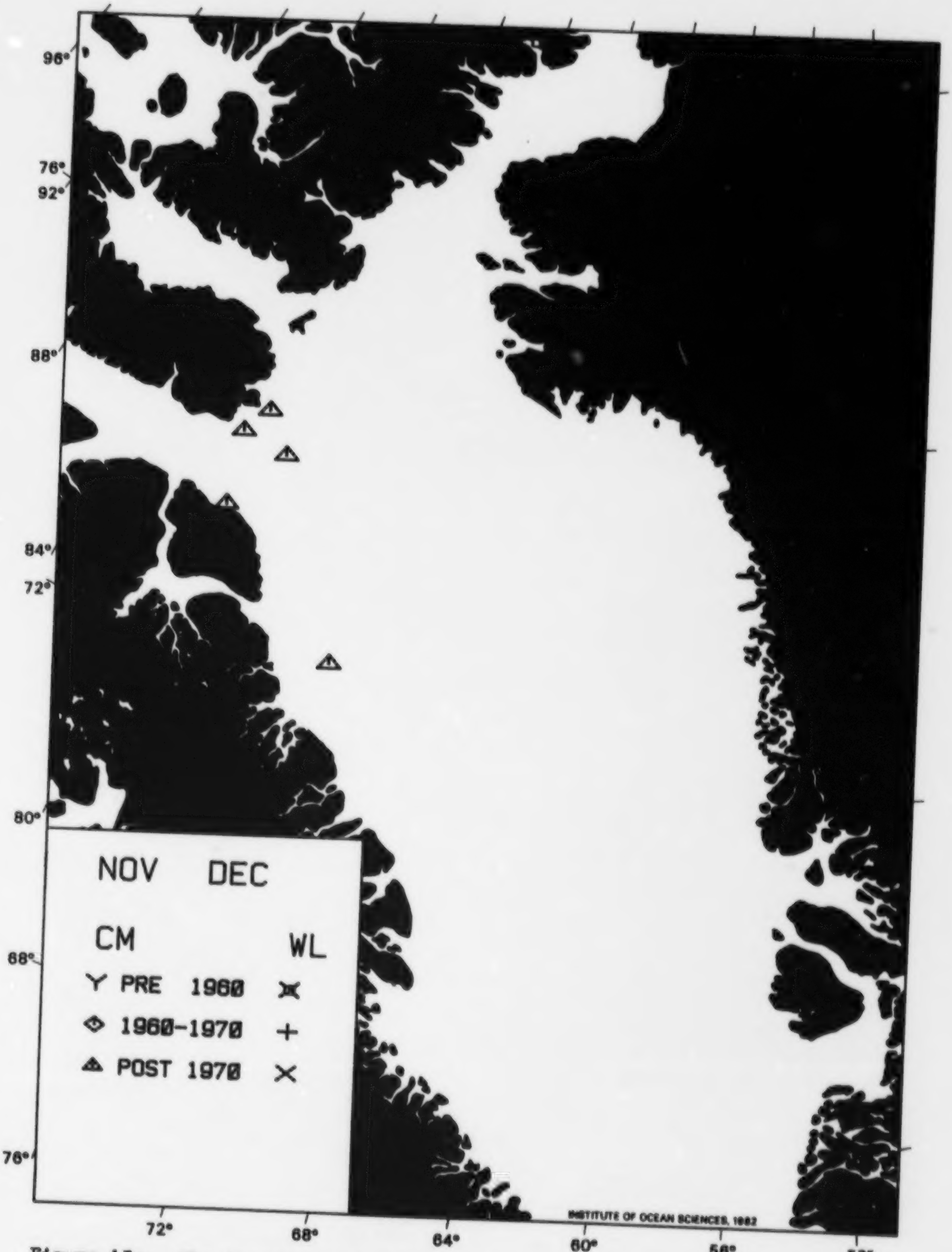
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 16b: The locations of all current meter and water level stations in place during the September-October period, all years.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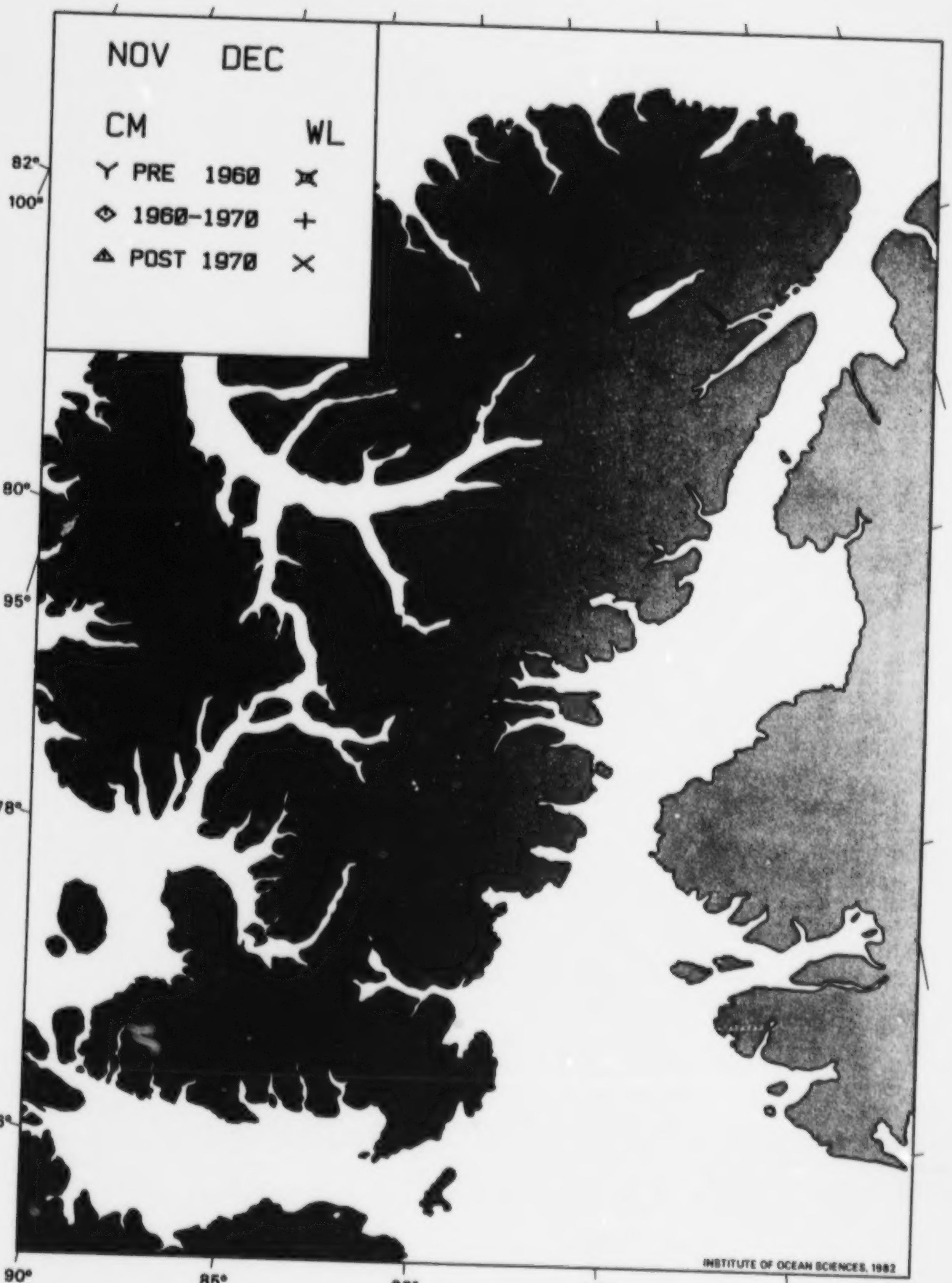
◇ 1960-1970 +
△ POST 1970 ×
INSTITUTE OF OCEAN SCIENCES, 1982

Figure 17a: The locations of all current meter and water level stations in place during the November-December period, all years.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INSTITUTE OF OCEAN SCIENCES, 1982

Figure 17b: The locations of all current meter and water level stations in place during the November-December period, all years.

6.3 SYNOPTIC DATA SETS AND EXTENDED TIME SERIES

SYNOPTIC DATA SETS

In some years the existence of two or more data sets collected at the same time provides a combined data set with near-synoptic coverage over a relatively large area. Data sets were considered near-synoptic if their measurement periods overlapped significantly. The combined data sets may improve coverage within a given area, extend coverage to a larger area or allow comparison of simultaneous processes in different areas. In Baffin Bay, possibilities for combinations are largely confined to temperature-salinity data collected during the open water season. The table below lists near-synoptic data sets by year and general area of coverage.

Data Set ID	Area	Data Set ID	Area
	1952		**1953**
52-0005	W. Greenland	53-0005	Eastern Baffin Bay
52-0007	Disko Island	53-0007	
		53-0008	
		53-0011	
		53-0012	
	1955		**1956**
55-0004	Southeastern Baffin Bay	56-0003	Baffin Bay
55-0005		56-0006	
	1961		**1962**
61-0004	Baffin Bay	62-0007	Baffin Bay & Smith Sound
61-0010		62-0010	
	1968		**1969**
68-0004	Smith Sound/ Nares Strait	69-0007	Baffin Bay
68-0007			
	1978		**1980**
78-0005	Northwestern Baffin Bay	80-0007	Northwestern Baffin Bay
78-0020		80-0008	

EXTENDED TIME SERIES

Repeated measurements in the same area may allow long-term trends to be detected and levels of variability to be estimated. Repeated temperature and salinity measurements have been made in several areas. The table below lists the areas in which extended time series are available.

Nares Strait	Smith Sound	Jones' Sound	Mouth of Lancaster Sound	Baffin Island Coast
28-0001	28-0001	28-0001	28-0001	40-0001
46-0001	46-0001	52-0003	46-0001	50-0002
48-0001	52-0003	54-0001	50-0002	53-0007
50-0002	52-0006	61-0012	53-0007	56-0003
63-0005	53-0007	62-0006	54-0001	58-0005
63-0006	54-0001	62-0007	57-0001	60-0005
64-0007	54-0007	63-0006	61-0004	60-0009
66-0004	55-0005	67-0002	63-0006	61-0004
68-0004	56-0006	68-0001	68-0006	61-0010
69-0005	57-0003	77-0014	69-0007	62-0007
69-0008	58-0005	79-0011	70-0006	62-0011
70-0013	59-0005	80-0007	70-0014	64-0007
70-0015	60-0009		78-0005	66-0004
71-0012	61-0004		78-0020	67-0003
71-0013	61-0010		79-0011	68-0006
72-0018	62-0007		80-0007	69-0007
75-0034	62-0010		80-0008	70-0011
80-0007	63-0005			76-0011
	63-0006			77-0014
	64-0007			78-0005
	65-0007			78-0020
	66-0004			79-0011
	66-0007			80-0017
	67-0002			
	67-0003			
	68-0001			
	68-0006			
	68-0007			
	69-0004			
	69-0007			
	69-0008			
	69-0013			
	70-0006			
	70-0013			
	70-0014			
	70-0015			
	71-0013			
	74-0013B			
	77-0014			
	78-0020			
	79-0011			
	80-0007			

Central Baffin Bay

28-0001
48-0001
52-0003
52-0006
53-0007
55-0005
56-0006
57-0003
58-0005
59-0005
60-0005
60-0009
61-0004
61-0010
62-0007
62-0010
62-0011
63-0006
64-0007
65-0006
65-0007
66-0004
66-0007
67-0003
68-0006
69-0007
70-0011
70-0002
72-0020
72-0021
77-0014
78-0005
80-0017

Southern Baffin Bay

48-0003
49-0002
51-0005
52-0005
52-0006
59-0006
61-0011
62-0011
63-0007
63-0008
64-0006
65-0006
65-0008
66-0008
67-0004
68-0003
68-0005
69-0011
76-0023
77-0031
78-0023
80-0007

Melville Bay

68-0006
69-0004
69-0006
69-0007
70-0011
77-0031
80-0007

West Greenland Coastal

16-0001
28-0001
46-0001
50-0002
51-0006
52-0003
53-0006
53-0008
61-0004
61-0010
68-0006
69-0006
69-0007

Disko Bay Area

08-0002
16-0001
24-0001
25-0001
28-0001
28-0002
30-0001
31-0001
32-0001
36-0001
37-0002
38-0001
48-0003
49-0002
49-0003
50-0003
50-0004
50-0005
51-0006
52-0003
52-0005
52-0007
53-0005
53-0006
53-0008
53-0011
53-0012
54-0006
55-0004
55-0006
56-0005
57-0006
58-0003
59-0007
65-0006
65-0008
68-0005
69-0012
71-0011
77-0031

6.4 CONCLUSIONS

The inventory at present contains 165 data sets. Most of the data are temperature-salinity collected since 1950. In most cases standard oceanographic techniques were used and the data are of good quality. The bulk of the data were collected during summer months. The lack of winter data results from the ice cover and the difficulties of working in the winter.

Direct current measurements are few, particularly along the west Greenland coast. Little is known of the character of the West Greenland Current and its variability.

Many of the data sets were reported only in the Conseil Permanent International Pour L'Exploration de la Mer - Bulletin Hydrographique. Generally no explanation of methods or data quality was given and consequently those data sets received ratings of 2. They were often data sets collected by foreign agencies and one may be able to improve their ratings by obtaining more information from the agency responsible.

This inventory is intended primarily for use in determining data coverage and quality in areas of interest. It can also guide further research by pinpointing areas requiring further study, and by revealing complementary data sets which could benefit from further analysis.

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8. DATA INVENTORY TABLE

Table 1 presents a summary listing of the data sets included in this inventory. The table lists all the data contained in the inventory sequentially by data set number. Water property, moored current meter, surface drift and water level data are fully catalogued. BT data, because of their limited usefulness in Arctic waters without accompanying salinity data, have not been catalogued in detail. However their existence has been noted in Table 1, and their general distribution may be deduced from the pattern of stations for a particular cruise, as they were usually collected at and along the track between stations. Over-the-side current measurements of short duration made with fixed-depth or profiling current meters have not been fully inventoried. Attempts were made to include all such data covering a tidal cycle or more.

Each column of the table contains the following information (symbols and abbreviations used in each column are explained as well):

Column 1 - Data Set I.D.

- contains the data set identifier number, which is of the form yy-nnnn, where yy is the last two digits of the year in which the data set was collected, and nnnn is the sequential number of the data set for that particular year. (The series of data set numbers applies to the whole set of inventories; gaps may appear in the sequence in any one inventory where data sets exist only in other areas or disciplines. A data set which appears in two or more areas or disciplines will have the same number in every case.) Data sets may be sub-divided by the addition of a letter at the end of the number. Sub-divisions apply only within this report and are used to separate specific types of physical oceanographic data within a single cruise or study.

Column 2 - Ship or collecting agency

- contains the name of the ship (underlined), platform and/or agency.

Column 3 - Dates of measurements

- gives the dates spanning the period during which measurements were taken in the area covered by the inventory. The year is given by the first two digits of the data set number in column 1, unless the measurement period spans the end of a year, in which case it is given explicitly. Question marks mean the dates could not be confirmed, generally due to poor/lack of documentation.

Column 4 - Quantity measured

- lists the physical parameters measured in the data set. A quantity followed by a ? means that reference to such a measurement was made but no supporting details. Measurements identified as "Currents" are Eulerian, fixed current measurements; "Current drift" refers to Lagrangian measurements. Current profiles are spot measurements at certain depths.

Column 5 - Instruments or methods used

- lists the instruments and methods used to make the measurements. The entries appear opposite the names (in column 3) of the quantities they measure. A question mark after the entry denotes an assumption, i.e. that the method used was not explicitly stated and an assumption was made from standard practice at the time. A question mark alone means that the instrument used is unknown.

Column 6 - Estimate of data precision and accuracy

- lists the estimates of the precision (repeatability) and accuracy for each instrument opposite the entry for that instrument in column 5. For instruments of a digital nature, the precision specified is based on the resolution of the instrument. Where possible, estimates made by the original investigators are used. They are entered as two members of the form $\pm n_1$, $\pm n_2$ where n_1 is the precision and n_2 the accuracy. Where investigator's estimates were not available, the following special symbols and entries have been used:

[$\pm n_1$,$\pm n_2$]: standard oceanographic methods were used, which would normally result in these values. The techniques and precision/accuracy used in this context are:

BT	[0.2C°,0.2C°]
Reversing thermometer	[0.02C°,0.03C°]
Salinity - Hydrometer	[0.2°/oo,0.2°/oo]
Salinity - Refractormeter	[0.5°/oo,0.5°/oo]
Salinity - Titration	[0.02°/oo,0.04°/oo]
Salinity - Bench salinometer	[0.01°/oo,0.02°/oo]

$\pm n_1$ @: manufacturer's specifications for that instrument.

$\pm n_1$?: an estimate has been given which is questionable for reasons detailed in Appendix 1.

The column is blank where no information was available and no reasonable assumption could be made.

Column 7 - Data rating number

- carries the dating rating number assigned as explained in Section 5.

Column 8 - Area

- lists the sub-areas in which the majority of the measurements in the data set were taken. (The sub-areas are defined in Figure 1.)

Column 9 - Concurrent measurements

- lists known measurements in other disciplines taken as part of the data set. Other measurements may have been taken which were not discovered while cataloguing the physical oceanographic data.

Column 10 - Source or reference

- lists a primary source or reference for the data sets. Data sets held in the data banks at the Marine Environmental Data Centre, Ottawa or at the National Oceanographic Data Center, Washington D.C. are identified, respectively by the entries MEDS# and NODC# followed by the data bank's identity number. A MEDS number alone does not necessarily mean that the data are not stored at NODC. If MEDS does not have the data then a NODC number is given if stored there. Appendix 2 lists addresses and contacts for these sources.

TABLE 1: SUMMARY LISTING OF DATA SETS

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
1898 to 1902	FRAM (NORWEGIAN ARCTIC EXPEDITION)		Surface temperature	?		2	Jones Sound	Plankton, bottom samples	Collin (1960)
08-0002	TJALFE (DENMARK)	July 16	Temperature Salinity	? ?		2	Disko Bay		Nielsen (1928)
16-0001	THULE II	July 2–Nov.	Temperature Salinity	Reversing thermometer Titration	? ?	2	West Greenland		Knudsen (1933)
24-0001	MICHAEL SARS (NORWAY)	Aug.14-15	Temperature Salinity	? ?		2	Baffin Bay	pH, dissolved oxygen	MEDS #180324017 Martens (1929)
25-0001	DANA (DENMARK)	June 22–Aug. 14	Temperature Salinity	? ?		2	West Greenland	pH	NODC #58065 Boggegaard-Rasmussen and Jacobsen (1930)
28-0001	GODTHAAB (DENMARK)	July 13–Sept. 9	Temperature Salinity Current profiles	Reversing thermometer Knudsen titration Marx & Berndt, drift bottles	0.016C°,[0.03C°] [0.02°/oo,0.04°/oo] ?	3	Baffin Bay, Smith Sound, Jones Sound	Oxygen, pH	NODC #58012 Riis-Carstensen (1936)
28-0002	MARION (U.S.)	Aug. 7-14	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°],0.03C° 0.02°/oo,[0.02°/oo]	3	Davis Strait	pH, bottom samples	NODC #30125 Smith et al. (1937) Ricketts and Trask (1932)
30-0001	VILLE D'YS (FRANCE)	Aug. 15	Temperature	?		2	Davis Stait		Beaugé (1931)
31-0001	LA MADELEINE (FRANCE)	Aug.5-6	Temperature	?		2	Davis Strait		Beaugé (1932)
31-0002	ST.JEANNE D'ARC (FRANCE)	Aug.18	Temperature	?		2	Davis Strait		Beaugé (1932)
32-0001	VILLE D'YS (FRANCE)	Aug.11-18	Temperature	?		2	Disko Island		Beaugé (1933)
32-0002	VICTORIA (FRANCE)	Sept.12	Temperature	?		2	Disko Island		Beaugé (1933)
36-0001	?	Aug.3-22	Temperature Salinity	? Titration	[0.02°/oo,0.04°/oo]	2	Disko Bay	Plankton	Hartley and Dunbar (1938)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
37-0002A	VILLE D'YS? (FRANCE)	July 20- Sept. 27	Temperature Salinity	? ?		2		pH	NODC #50028
37-0002B	STRAUTT? ([illegible])	Aug. 25- Sept. 28	Temperature Salinity	? ?		2	Davis Strait		Council Pers. (19??)
37-0003	BRITISH ARCTIC EXPEDITION	Autumn	Water level	?		2	Thule	Botany collection	Anonymous (1939)
38-0001	VILLE D'YS (FRANCE)	July 16-18	Temperature Salinity	? ?		2	West Greenland	pH	NODC #50030
40-0001	NORTHLAND (U.S.)	Sept. 14-17	Temperature Salinity	? ?		3	Western Baffin Bay		NODC #50124 Barnes (1941)
40-0002	SHORE-BASED (CANADA)	Sept.11-22	Temperature	Reversing thermometer	[0.02C°,0.03C°]	2	Baffin Bay	Plankton	Dunbar (1942) Dunbar (1951)
			Salinity	Titration?	[0.02°/oo,0.04°/oo]				
40-0003	E.M. MORRISSEY (U.S.)	June-Sept.	Surface temperature	?	?	2	Baffin Bay, Nares Strait	Birds collected, dredgings	Nutt (1941)
			Surface drift	drift bottles					
42-0001	MOTOR BOATS	July 31, Aug. 30	Temperature	Reversing thermometer	[0.02C°,0.03C°]?	2	West Greenland		Dunbar (1946) Dunbar (1951)
			Salinity	?	?				
43-0001	MOTOR BOATS	Sept. 15	Temperature	Reversing thermometer	[0.02C°,0.03C°]?	2	West Greenland		Dunbar (1946) Dunbar (1951)
			Salinity?	?	?				
46-0001	NORTHWIND (U.S.)	July 14- Aug. 26	Temperature	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Nares Strait	Bottom sediment, plankton	Metcalf (1949)
			Salinity	?					
47-0001	EDISTO (U.S.)	?	Temperature	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	2	Jones Sound	?	Dunbar (1951, p.19)
			Salinity	?	?				

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
48-0001	EASTWIND (U.S.)	July 22- Sept. 8	Temperature Salinity	Reversing thermometer BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Nares Strait		NODC #50376 Metcalf (1949)
48-0003	HEIMDAL, STEENSTRUP (DENMARK)	July 11- Sept. 3	Temperature Salinity	? ?		2	Baffin Bay	pH	NODC #50295 Conseil Perm. (1952)
48-0004	?	Aug.1-31	Water level	?		2	Pond Inlet		MEDS #480001
48-0005		Aug.1- Sept.30	Water level	?		2	Baffin Bay		MEDS #480002
49-0002	ENDEAVOR (U.S.)	July 19-20	Temperature Salinity	? ?		2	Disko Island	pH, dissolved oxygen	NODC #50278
49-0003	HEIMDAL (DENMARK)	July 11- Aug. 27	Temperature Salinity	? ?		2	Disko Island		NODC #50536 Conseil Perm. (1954)
50-0002	EDISTO (U.S.)	July 27- Aug. 23	Temperature Salinity	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Nares Strait	Fish, dissolved oxygen, secchi disc, plankton	NODC #50373 U.S. Hydr. Office (1954a)
50-0003	DANA (DENMARK)	July 10- Sept. 8	Temperature Salinity	? ?		2	Disko Island	Phosphate, phosphorous, pH	NODC #50535 Conseil Perm. (1954b)
50-0004	L'AVENTURE (FRANCE)	Aug. 17	Temperature Salinity	? ?		2	Baffin Bay		Conseil Perm. (1954b)
50-0005	HEIMDAL (DENMARK)	Sept. 8	Temperature Salinity	? ?		2	Baffin Bay		Conseil Perm. (1954b)
51-0005	NORMAT	July 23	Temperature Salinity	? ?		2	Davis Strait		NODC #50700 Conseil Perm. (1955)
51-0006	EDISTO (U.S.)	June 8- Aug. 31	Temperature Salinity	Reversing thermometer? BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	West Greenland	pH, dissolved oxygen, transparency, phosphate, phosphorous	NODC #50369 U.S. Hydr. Office (1954a)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
52-0003	EDISTO (U.S.)	June 25- Aug. 29	Temperature	Reversing thermometer BT	[0.02C°,0.03C°]	3	Baffin Bay, Jones Sound	pH, bottom samples, dissolved oxygen, phosphate, phosphorous, transparency	NODC #50368 MEDS #180032040 U.S. Hydr. Office (1954a)
			Salinity	?	[0.2C°,0.2C°]				
52-0005	DANA (DENMARK)	July 20- Aug. 27	Temperature Salinity	? ?		2	West Greenland	ph, dissolved oxygen	NODC #30701 Conseil. Perm (1956)
52-0006	ATKA (U.S.)	May 26- Oct. 6	Temperature	Reversing thermometer? BT	[0.02C°,0.03C°]	3	Baffin Bay, Smith Sound	Dissolved oxygen	U.S. Hydr. Office (1954a)
			Salinity	?	[0.2C°,0.2C°]				
52-0007	L'AVENTURE (FRANCE)	Aug. 26-27	Temperature Salinity	? ?		2	Baffin Bay		Conseil Perm. (1956)
53-0005	DANA (DENMARK)	July 24- Aug. 4	Temperature Salinity	? ?		2	Disko Island	pH, phosphate, phosphorous	NODC #30720 Conseil Perm. (1957)
53-0006	ATKA (U.S.)	Jan. 23- Mar. 16	Temperature	Reversing thermometer? BT	[0.02C°,0.03C°]	3	Baffin Bay	pH, dissolved oxygen, phosphate, phosphorous	NODC #30380 U.S. Hydr. Office (1954b)
			Salinity	?	[0.2C°,0.2C°]				
53-0007	ATKA (U.S.)	July 14- Oct. 21	Temperature	Reversing thermometer BT	[0.02C°,0.03C°]	3	Baffin Bay	Dissolved oxygen, water color and transparency, bottom cores, vertical plankton tows	NODC #30370 U.S. Hydr. Office (1954b)
			Salinity	?	[0.2C°,0.2C°]				
53-0008	PURSUIT (U.S.)	Aug. 1- Sept. 1	Temperature Salinity	? ?		2	Eastern Baffin Bay	pH, dissolved oxygen	NODC #30437
53-0009	U.S. NAVY	Sept. 29	Temperature Salinity	? ?		2	Smith Sound	Ice conditions	Tapager (1959)
53-0010	U.S. NAVY	Sept. 29- Oct. 26	Temperature Salinity	? ?		2	Thule	Ice conditions, weather	McGough (1956)
53-0011	L'AVENTURE (FRANCE)	Aug. 16	Temperature Salinity	? ?		2	Disko Island		Conseil Perm. (1957)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
53-0012	ADOLF JENSEN (DENMARK)	Aug. 4	Temperature Salinity	? ?		2	West Greenland		Conseil Perm. (1957)
54-0001	LABRADOR (F.R.B., ATLANTIC OC. GROUP)	Aug. 3-14	Temperature Salinity	Reversing thermometer Knudsen titration	[0.02C°,0.03C°] [0.02°/oo,0.04°/oo]	3	Baffin Bay, Smith Sound, Jones Sound	Magnetic survey, bottom samples, plankton, oxygen, phosphates	MEDS #180354109 Bailey (1957)
54-0006	DANA (DENMARK)	July 23-31	Temperature Salinity	? ?		2	Disko Island	pH, phosphate, phosphorous	NODC #50824 Conseil Perm. (1959)
54-0007	ATKA (U.S.)	Aug. 24-31	Temperature Salinity	? ?		2	Northern Baffin Bay		NODC #50539 U.S. Hydr. Office Pub. 15067-31
54-0008	STATEN ISLAND (U.S.)	Oct. 6	Temperature Salinity	? ?		2	Eclipse Sound	Deuterium	Redfield & Friedman (1969)
54-0009	CANADA	May 6-July 29	Temperature Salinity	? ?		2	Baffin Bay, Eclipse Sound		MEDS #181754451
55-0004	DANA (DENMARK)	July 25-Oct. 1	Temperature Salinity	?		2	Disko Island	pH, phosphate, phosphorous, dissolved oxygen	NODC #50866 Conseil Perm. (1960)
55-0005	ATKA (U.S.)	Sept. 16-Oct. 2	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, phosphate, phosphorous, silica, nitrate, nitrogen	NODC #50510
55-0006	ANTON DOHRN (W.GERMANY)	Sept. 30 Oct. 1	Temperature Salinity	? ?		2	Baffin Bay		Conseil Perm. (1960)
55-0007	MCGILL UNIV. (CANADA)	April 26-July 29	Temperature Salinity	Reversing thermometer Hydrometer	0.05C°,0.05C° 0.2°/oo,0.2°/oo	3	Baffin Bay, Eclipse Sound	Animals collected, benthos	Ellis (1956)
56-0003	LABRADOR (CANADA)	Oct. 2-3	Temperature Salinity	Reversing thermometer Knudsen titration	?/± 0.02C°? ?/±0.02°/oo	3	Western Baffin Bay	Oxygen, phosphate, bottom samples	MEDS #180356219
56-0005	DANA (DENMARK)	July 23-26	Temperature Salinity	? ?		2	Davis Strait	Phosphate, phosphorous	NODC #50899 Conseil Perm. (1962)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
56-0008	EASTWIND (U.S.)	Oct. 1-6	Temperature	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Smith Sound	pH	NODC #50341 U.S. Hydr. Office (1960)
			Salinity	?	?				
57-0001	STAR (U.S.)	Sept. 10	Temperature	Reversing thermometer BT?	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay		NODC #50370 U.S. Hydr. Office (1959)
			Salinity	Knudsen titration	[0.02°/oo,0.04°/oo]				
57-0003	LABRADOR (CANADA)	Sept. 25-Oct. 1	Temperature	Reversing thermometer	?/±0.02C°?	3	Baffin Bay, Smith Sound	Oxygen, phosphates	MEDS #18057244 Collin and Dunbar (1964)
			Salinity	Knudsen titration	?/±0.02°/oo?				
57-0006	DANA (DENMARK)	July 21-23	Temperature Salinity	? ?		2	Disko Island	pH, phosphate, phosphorous	NODC #50001
58-0002	?	July 1-Aug. 31	Water Level	?		2	Davis Strait		MEDS #58Y001
58-0003	DANA (DENMARK)	July 24-29	Temperature Salinity	? ?		2	Disko Bay	pH, phosphate, phosphorous	NODC #50909 Conseil Perm. ICES Data Lists (1958)
58-0004	WESTWIND (U.S.)	Sept. 13	Temperature Salinity	? ?		2	Thule		NODC #50616 U.S. Ocean. Office (1963a)
58-0005	ATKA (U.S.)	Sept. 21-26	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH	NODC #50602 U.S. Ocean. Office (1963a)
59-0005	WESTWIND U.S.	Sept. 5-Oct.18	Temperature	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Smith Sound, Thule	pH, bottom samples	NODC #50638 U.S. Ocean. Office (1963b)
			Salinity	Conductivity bridge	?				
59-0006	DANA (DENMARK)	July 25	Temperature Salinity	? ?		2	Davis Strait		NODC #50044 Conseil. Perm. ICES Data Lists (1959)
59-0007	GAUSS (W.GERMANY)	Aug. 3-17	Temperature Salinity	? ?		2	West Greenland		MEDS #06GA00720

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
59-0008	U.S. NAVY	Sept. 9-Oct. 21	Temperature Salinity	? BT ?	[0.2C°,0.2C°]	2	Thule	Senior (1961)	
60-0005	LABRADOR (CANADA)	Sept. 17-22	Temperature Salinity	Reversing thermometer BT Titration	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.02°/oo,0.04°/oo]	3	Baffin Bay	Plankton	MEDS #18060340 CODC (1964)
60-0009	WESTWIND (U.S.)	Aug. 28-Sept. 9	Temperature Salinity	Reversing thermometer BT Conductivity bridge	[0.02C°,0.03C°] [0.2C°,0.2C°] ?	3	Baffin Bay, Smith Sound	pH, bottom samples	NODC #50670 U.S. Ocean. Office (1964)
61-0004	LABRADOR (CANADA)	Aug. 21-Sept. 29	Temperature Salinity	Reversing thermometer BT Salinometer	0.02C°,[0.03C°] [0.2C°,0.2C°] .004°/oo,[0.02°/oo]	3	Baffin Bay, Smith Sound	Dissolved oxygen, plankton tows	MEDS #181061341,180061072 CODC (1966b)
61-0010	EDISTO (U.S.)	Sept. 16-28	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, dissolved oxygen	NODC #50688 Barber and Huyer (1971)
61-0011	DANA (DENMARK)	July 30	Temperature Salinity	? ?		2	Davis Strait	Dissolved oxygen	NODC #50006 Barber and Huyer (1971)
61-0012	ICE CAMP (DEVON ISLAND EXPEDITION)	Jan. 9-Dec. 24	Temperature Salinity Water level	Reversing thermometer Titration ?	[0.02C°,0.03C°] [0.02°/oo,0.04°/oo]	2	Jones Sound	Dissolved oxygen, plankton, phosphate, silicate	MEDS #182361473 Barber and Huyer (1971) Apollonio (1963)
61-0013 (probably part of set 61-0012)	?	May 1-June 30	Water level	?		2	Jones Sound		MEDS #610001
62-0006	SIR JOHN A. MACDONALD (CANADA)	Aug. 14-25	Temperature Salinity	Reversing thermometer BT Salinometer	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.01°/oo,0.02°/oo]	3	Jones Sound	Dissolved oxygen, plankton	MEDS #181062359 CODC (1966a)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
62-0007	LABRADOR (CANADA)	May 11-Oct. 13	Temperature	Reversing thermometer BT	0.02C°,[0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Smith Sound, Jones Sound	Dissolved oxygen,benthos, plankton	MEDS #181062362 CODC (1967a)
			Salinity	Salinometer	0.005°/oo,[0.02°/oo]				
62-0010	ATKA (U.S.)	Sept. 26-30	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound, Jones Sound	Phosphate, phosphorous, dissolved oxygen	NODC #50966 Barber and Huyer (1971)
62-0011	EVERGREEN (U.S.)	July 25-28	Temperature Salinity	? ?		2	Baffin Bay	pH,phosphate, phosphorous, nitrogen,silica, dissolved oxygen	NODC #50176 Barber and Huyer (1971)
62-0012	?	Aug. 1-Sept. 30	Water level	?		2	Smith Sound		MEDS #620001
63-0005	EVERGREEN (U.S.)	July 29-Aug. 4	Temperature	Reversing thermometer BT	0.009C°,0.01C° [0.2C°,0.2C°]	3 3	Smith Sound, Nares Strait	Phosphate, phosphorous, nitrate, nitrogen, silicate, silicon bottom samples, dissolved oxygen	NODC #50174 Franceschetti (1964) Day (1968)
			Salinity	Salinity bridge	0.005°/oo,0.01°/oo	3			
			Currents	Richardson	?	1			
63-0006	LABRADOR (CANADA)	Sept.16-Oct. 13	Temperature	Reversing thermometer BT	0.03C°,[0.03C°] [0.2C°,0.2C°]	3	Baffin Bay, Nares Strait, Jones Sound	Geophysics, dissolved oxygen	MEDS #181063005 CODC (1967b)
			Salinity	Salinometer	0.003°/oo,[0.02°/oo]				
63-0007	BAFFIN (CANADA)	June 11	Temperature	Reversing thermometer BT	[0.02C°,0.03C°] [0.2C°,0.2C°]	3	Davis Strait	Plankton, pH, dissolved oxygen,nitrogen, phosphate, fluoride,boron, silicate	MEDS #180163003 CODC (1968b)
			Salinity	Salinometer	0.003°/oo,[0.02°/oo]				
63-0008	DANA (DENMARK)	July 15-16	Temperature	Reversing thermometer BT	0.02C°,[0.03C°] [0.2C°,0.2C°]	3	Davis Strait	Dissolved oxygen, plankton, phosphate, chlorophyll A.	NODC #50068 CODC (1968b)
			Salinity	Conductivity salinometer	0.003°/oo,[0.02°/oo]				

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
64-0006	DANA (DENMARK)	July 19-24	Temperature Salinity	? ?		2	Davis Strait	Phosphate, phosphorous, pH, dissolved oxygen	NODC #50075 Hermann (1966)
64-0007	LABRADOR (CANADA)	Sept.5- Oct. 7	Temperature Salinity	Reversing thermometer BT Conductivity bridge	0.02C°,[0.03C°] [0.2C°,0.2C°] 0.003°/oo,[0.02°/oo]	3	Baffin Bay, Nares Strait	Cores, bottom grab, plankton, magnetometer, deuterium, deutrium	MEDS #181064020 CODC (1965)
65-0006	A.T. CAMERON (CANADA)	July 29- Aug. 7	Temperature Salinity	? ?		2	Baffin Bay		MEDS #180563039
65-0007	LABRADOR (CANADA) (B.I.O.)	Sept. 30- Oct. 13	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound		MEDS #181063001 CODC (1969a)
65-0008	W. HERWIG (W.GERMANY)	Aug. 28-29	Temperature Salinity	? ?		2	Davis Strait		MEDS #06_65001
66-0004	EDISTO (U.S.)	July 29- Aug. 27	Temperature Salinity	Reversing thermometer Salinometer	0.006C°,0.01C° 0.005°/oo,[0.02°/oo]	3	Baffin Bay	Vertical plankton tows, carbon, dissolved oxygen	NODC #50807 Palfrey and Day (1968) Palfrey (1968)
66-0007	BLUE (U.S.)	Sept. 30- Oct. 9	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound		NODC #50823
66-0008	DANA (DENMARK)	July 19-20	Temperature Salinity	? ?		2	Davis Strait	Chemical?	MEDS #26DA00300
66-0009	?	July 1- Sept. 30	Water level	?		2	Eclipse Sound		MEDS #660001
67-0002	LABRADOR (CANADA)	Aug. 20- Sept. 1	Temperature Salinity Current profiles	Reversing thermometer BT Salinometer ?	[0.02C°,0.03C°] [0.2C°,0.2C°] [0.01°/oo,0.02°/oo]	3	Smith Sound, Jones Sound	Cores, deutrium	MEDS #180267013 CODC (1968a)
67-0003	EDISTO (U.S.)	Sept.30- Oct. 8	Temperature Salinity	Reversing thermometer BT Salinometer	0.02C°,[0.03C°] [0.2C°,0.2C°] 0.004°/oo,[0.02°/oo]	3	Baffin Bay, Smith Sound	pH, bottom samples	NODC #51161 U.S. Ocean. Office (1968)

TABLE 1: SUMMARY LISTING OF DATA SETS (CONT'D)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
67-0004	NOVOROSSIJSK RT99 (U.S.S.R.)	Sept. 15-16	Temperature Salinity	? ?		2	Davis Strait	Chemical?	MEDS #90N067022
68-0001	LABRADOR (CANADA)	Aug. 15-Sept. 15	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Smith Sound, Jones Sound, Eclipse Sound	Dissolved oxygen, biological samples	MEDS #180260013 Herlinveaux (1970)
				BT	[0.2C°,0.2C°]				
			Salinity	Salinometer	[0.01°/oo,0.02°/oo]				
68-0003	W. HERWIG (W.GERMANY)	July 31	Temperature Salinity	? ?		2	Davis Strait		MEDS #06HW00830
68-0004	EASTWIND (U.S.)	Sept. 19-24	Temperature	Reversing thermometer	[0.02C°,0.03C°]	3	Nares Strait	Dissolved oxygen	MEDS #31HW12810 Moynihan (1972a)
			Salinity	Salinometer	[0.01°/oo,0.02°/oo]				
68-0005	EASTWIND (U.S.)	July 21-Aug. 4	Temperature	Reversing thermometer	[0.02C°,0.03C°]		Baffin Bay	Bottom grab, samples, dissolved oxygen, bottom photographs	MEDS #31HW13180 Moynihan & Tennyson (1971)
			Salinity	?					
68-0006	EASTWIND (U.S.)	Sept. 24-Oct. 10	Temperature	Reversing thermometer	[0.02C°],0.06C°	3	Baffin Bay		MEDS #31HW13530 U.S. Ocean. Office (1969)
				BT	[0.2C°,0.2C°]				
			Salinity	Salinometer (Bisset-Berman model 6220)	0.004°/oo,[0.02°/oo]				
68-0007	WESTWIND (U.S.) (UNIV. OF WASHINGTON)	Sept. 7-21	Currents	Braincon BR 316, Goodyne 850-1	Accuracy ±3% speed, ±20°	4	Smith Sound	Phosphate, nitrate, silicate	MEDS #31WE13780 Muench (1971a) Avis and Coachman (1971)
			Temperature	Reversing thermometer	[0.02C°],0.02C°	3			
			Salinity	Salinometer	0.003°/oo,0.02°/oo				
69-0004	WESTWIND (U.S.)	Sept. 21-Oct. 2	Salinity Temperature Pressure	Bisset-Berman Model 9060 STD	[0.02C°/oo],0.1°/oo 0.05C°,0.05C° @ .1,.25% full scale	1 3 3	Smith Sound, Melville Bay	Plankton samples	MEDS #31WE81600 Muench (1971b) Muench and Tidmarsh (1969)
69-0005	ICE CAMP (U.S.)	May 7-20	Temperature	Reversing thermometer	[0.02C°],0.03C°	3	Kane Basin	Biological samples, plankton hauls	MEDS #31—15060 Muench (1971c) Tidmarsh et al. (1969)
			Salinity	?	?,0.02°/oo				
			Currents	Braincon 381	3%, ±20°				

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
69-0006	SOUTHWIND (U.S.)	Aug. 14-28	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Western Baffin Bay	Dissolved oxygen, grab samples, cores	MEDS #311815290 Moynihan (1971)
69-0007	WESTWIND (U.S.)	Oct. 4-11	Temperature Salinity	? ?		2	Baffin Bay, Smith Sound	pH, dissolved oxygen	MEDS #31WE15640
69-0008	SOUTHWIND (U.S.)	Sept. 6-12	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Baffin Bay, Kane Basin	Dissolved oxygen	MEDS #311815330 Moynihan (1972a)
69-0010	ARCTIC INSTITUTE OF NORTH AMERICA	May	Temperature Salinity	? ?		2	Jones Sound	Nitrate, phosphate, silicate	Apollonio (1973)
69-0011	DANISH RESEARCH VESSEL	June 16	Temperature Salinity	? ?		2	Southern Baffin Bay	Chemical, biological	MEDS #26[illegible]00790 Conseil Perm. ICES Data List (1971)
69-0012	A.T. CAMERON (CANADA)	Sept. 22-Oct. 2	Temperature Salinity	? ?		2	Disko Bay		MEDS #180569007
69-0013	WESTWIND (U.S.)	July 28-30	Temperature Salinity	Reversing thermometer Salinometer	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo]	3	Smith Sound		MEDS #31WE16420 Moynihan (1972a)
70-0002	HUDSON (CANADA)	Sept. 28-Oct. 9	Temperature Salinity	Reversing thermometer Salinometer?	?/±0.01C°? ?/±0.02°/oo?	3	Baffin Bay		NODC #50833 MEDS #181069030 Conseil Perm. ICES Data List (1972)
70-0006A	WESTWIND (U.S.)	July 24-Aug. 6	Temperature Salinity	Reversing thermometer ?	[0.02C°,0.03C°]	3	Smith Sound, Kane Basin, Kennedy Channel		MEDS #31WE16800 Muench (1972)
70-0006B	WESTWIND (U.S.)	July 24-Aug. 6	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	±0.02°/oo,±0.03°/oo ±0.05C°,±0.05C°	3	Baffin Bay, Smith Sound, Nares Strait		MEDS #31WE81800 Muench (1972)
70-0011	SOUTHWIND (U.S.)	Oct. 19-25	Temperature Salinity	? ?		2	Baffin Bay		MEDS #311817100 NODC #51710

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
70-0012	?	July 1- Aug. 31	Water level	?		2	Home Bay		MEDS #700001
70-0013	WESTWIND (U.S.)	Sept. 3-9	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	?	3	Smith Sound	Phosphate, nitrate, nitrite, silicate	MEDS #31WE17050 Moynihan (1972b)
70-0015	WESTWIND (U.S.)	Aug. 16-24	Conductivity Temperature Pressure	Bisset-Berman Model 9060 STD	?	3	Nares Strait	Phosphate, nitrate, nitrite, silicate	MEDS 31WE81840 Moynihan (1972b)
71-0010	LOUIS S. ST. LAURENT (CANADA)	Sept. 2	Temperature	Reversing thermometer BT	0.01C°,0.01C° [0.2C°,0.2C°]	3	Makinson Inlet (Smith Sound)	Dissolved oxygen	MEDS #180771002 Sadler (1972c) Sadler (1973)
			Salinity	Bisset-Berman Salinometer	0.003°/oo,[0.02°/oo]				
71-0011	DANA (DENMARK)	July 22-30	Temperature Salinity	? ?		2	Disko Island	Chemical	MEDS #260A00800 Conseil Perm. ICES Data List (1974)
71-0012	ICE CAMP (DEF. RES. EST. OTTAWA)	Apr. 25 June 7	Temperature Salinity	Reversing thermometer, BT Salinometer		3	Robeson Channel		MEDS #180271013,Chow(1975a) Finlayson(1973),Godin(1979) Sadler (1976b), Herlinveaux (1979)
			Current	Braincon meters	Θ<2%	3			
			Water level	Ott	?	2			
71-0013	LOUIS S. ST. LAURENT (DEF. RES. EST. OTTAWA)	Aug. 18-29	Temperature	Reversing thermometer BT	[0.01C°],0.02C° [0.2C°,0.2C°]	3	Nares Strait	Dissolved oxygen	MEDS #180271014 Herlinveaux & Sadler (1973) Sadler (1976b)
			Salinity	Salinometer	0.005°o/oo,0.02°/oo				
72-0013		Mar. 1- June 30	Water level	?		2	Clyde Inlet		MEDS #720001
72-0018	FIXED STATIONS (DEF. RES. EST. OTTAWA)	Apr. 24- June 4	Water level	?		2	Robeson Channel		MEDS #182772001 Sadler (1976b)
			Temperature	Reversing thermometer	[0.02C°,0.03C°]	2			
			Salinity	?		2			
			Current	Braincon	speed accuracy ±6-10 cm/s, direction 8 to 30°	3			

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
72-0020	LOUIS S. ST. LAURENT (CANADA)	Feb. 12-14	Temperature Salinity	STD	[0.02C°],0.02C° ?,0.05°/oo	3	Baffin Bay	Biological samples, chemical?	MEDS #182372001 Muench & Sadler (1973) Sater (1972)
72-0021	QUEST (CANADA)	Sept. 1-5	Temperature Salinity	? ?		2	Baffin Bay	Dissolved oxygen	NODC #51060
72-0022	LITTLEPAGE & ELLIS	July 29-Aug. 4	Temperature Salinity	?		2	Marmorilik Fjord	Light transmission, particle size, dissolved oxygen	Danish Hydr. Inst. (1979b)
73-0015	?	?	?			2	Marmorilik Fjord	Chemical	see 72-0022, Appendix 1
74-0013	HUDSON (CANADA)	Aug. 6	Conductivity Temperature Pressure	STD	?	2	Smith Sound	Oil tows, bottom grab and cores, geophysics, plankton tows	Bedford Institute of Oceanography (1974)
74-0016	?	?	?			2	Marmorilik Fjord	Chemical	see 72-0022, Appendix 1
75-0034	FIXED STATIONS (ICE RES. GROUP, D.R.E.O.)	May 10-20	Temperature Salinity Current	Reversing thermometer Salinometer Marsh-McBirney	0.02C°,0.03C° ?,0.01°/oo ?	3	Robeson Channel		MEDS #182775001 Godin (1979) Chow and Finlayson (1980)
75-0034B	FIXED STATION (ICE RES. GROUP, D.R.E.O.)	Apr. 1-July 31	Water level	Ott gauges	?	2	Robeson Channel		MEDS #750004 Chow & Finlayson (1980)
75-0035	?	Jan. 1-Feb. 28	Water level	?		2	Clyde Inlet		MEDS #750005
75-0036	B.C. RESEARCH?	Sept.6-8	Temperature Salinity	?		2	Marmorilik Fjord	Dissolved oxygen, pH, metals, biology	Gron. Geo. Und. (1976)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
75-0037	GREENLAND TECH. ORG. (DENMARK)	July-Nov.	Temperature Salinity Water level Current	Aanderaa current meter Ott Aanderaa	? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
75-0038	?	June 26	Temperature Salinity	? ?		2	Home Bay		
75-0041	NORTH WATER PROJECT	Apr. 10-May 19	Temperature	Thermistor strings	?	2	Kane Basin	Wind, ice parameters and movement	Ito (1981)
76-0011	HUDSON (CANADA)	Aug. 11	Salinity?	Knudsen cast	?	2	Scott Inlet	Oil slick sample	Bedford Institute of Oceanography (1976)
76-0023	NORTHWIND (U.S.) (UNIV. OF WASHINGTON)	Feb. 22-Mar. 19	Conductivity Temperature Pressure	CTD	?	2	Davis Strait		Garrison (1977)
76-0024	GREENLAND TECH. ORG. (DENMARK)	June-Oct.	Temperature Salinity Current Water level	Aanderaa current meter Aanderaa CM Ott	? ? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
76-0025	G.G.U. (DENMARK), B.C. RESEARCH	Mar. 27-29 Sept. 5	Temperature Salinity	?		2	Marmorilik Fjord	pH	Gron. Geol. Und (1976) Bohn (1976)
76-0027	NORTH WATER PROJECT	Apr. 9-June 1	Temperature Current profiles	Thermistor strings Schildknecht, Ott	? ?	2	Jones Sound	Wind, ice parameters and movement	Ito (1981)
77-0016	HUDSON (CANADA)	Aug. 31-Sept. 16	Conductivity Temperature Pressure	Guildline MK III CTD	[0.005°/oo,0.02°/oo] [0.005C°,0.01C°]	2	Baffin Bay, Smith Sound, Jones Sound	Oxygen, alkalinity, dissolved hydrocarbons, nitrate, phosphate, silicate, oxygen isotope ratios, mercury, magnetometer tows, gravity	Bedford Institute of Oceanography (1977)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
77-0018	INSTITUTE OF OCEAN SCIENCES	July-Aug.	Surface drift	Polar Res. Labs.	±5 km accuracy	3	Baffin Bay		Fissel and Marko (1978)
77-0027	GREENLAND TECH. ORG. (DENMARK)	June-Sept.	Temperature Salinity Current Water level	Aanderaa current meter Aanderaa RCM-4 Ott	? ? ?	3	Davis Strait		Dan. Hydr. Inst. (1979a)
77-0028	WESTWIND, ICE CAMP (U.S.)	July 17-19	Temperature Salinity	Reversing thermometer BT Bottom sensor Salinometer	0.01C°,0.1C° [0.2C°,0.2C°] ? 0.001°/oo,[0.02°/oo]	3	Smith Sound	Magnetic survey, bottom cores/grabs, bottom photography,acoustic measurements	[illegible] (1978a,1978b)
77-0029	STELTNER DEV. & MFG. (CANADA)	Mar. 21-July 29	Temperature Salinity	Reversing thermometer BT ?	[0.02C°,0.03C°] [0.2C°,0.2C°]	2	Pond Inlet	Snow,ice data, plankton, benthos	Steltner (1977)
77-0030	GREENLAND GEOL. UND. (DENMARK)	Mar.26-27 Sept. 2-4	Temperature Salinity	? ?		2	Marmorilik Fjord	pH, dissolved oxygen,metal concentrations	Gron. Geol. Und. (1977) Gron. Geol. Und. (1978)
77-0031	ADOLF JENSEN (DENMARK)	Apr. 30-Sept. 4	Temperature Salinitiy	? ?		2	Baffin Bay, Melville Bay	Hydrocarbons, plankton, microorganisms, birds, mammals	MEDS #977001 Petersen (1978)
78-0005A	THERON (PETRO-CANADA)	July 28-Sept. 23	Temperature Salinity	Guildline Model 8706 CTD	± 0.005C° ±.005°/oo,±0.02°/oo	3	Lancaster Sound	Iceberg tracking	Lemon (1980)
78-0005B	THERON (PETRO-CANADA)	Sept.19-20	Current	Aanderaa RCM 4	±1 cm or 2% of speed, ±10-20°	3	Lancaster Sound		Fissel (1980a)
78-0005C	THERON (PETRO-CANADA)	Aug.-Sept.	Current drift	Drogued drifters	±2 km	3	Lancaster Sound		Fissel (1980b)
78-0005D	THERON (PETRO-CANADA)	July 28-Sept. 20	Current profile	Endeco 110	±30° ±12 cm/s accuracy	3	Lancaster Sound		Fissel & Birch (1980)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
78-0030	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	Sept. 2-16	Conductivity Temperature Pressure	Guildline CTD	[.005°/oo,.02°/oo] [.005C°,0.2C°] ?	2	Baffin Bay	Chemical, biological, geophysical, chlorophyll a, carbon, nitrogen, NO_3, PO_4, NH_4, $SI\ (OH)_4$, solar radiation	BIO Cruise Report No.78-026 Harrison et al. (1982)
78-0023	GREENLAND TECH. ORG. (DENMARK)	Aug. 8- Sept. 9	Temperature Salinity Current Water level	Reversing thermometer Salinometer? Aanderaa Ott, Aanderaa TG-2A	[0.02C°,0.03C°] [0.01°/oo,0.02°/oo] [2% speed,±20°]	3	Davis Strait		Dan. Hydr. Inst. (1979)
78-0024	THERON (PETRO-CANADA)	Sept. 1978- July 1979	Current	Aanderaa RCM 4	±1 cm/s or 2% of speed, θ ±10-20°	4	Baffin Bay		Fissel and Wilton (1980)
78-0025	?	Feb. 7-10, June 27- Oct. 16	Temperature Salinity Conductivity	Interocean CTD	?	1	Marmorilik	pH, dissolved oxygen	Gron. Geol. Und. (1978) Gron. Geol. Und. (1980) Dan. Hydr. Inst. (1979b) Lewis and Perkin (1982)
			Currents	?		2			
79-0011A	THERON (PETRO-CANADA)	July 17- Sept. 23	Temperature Salinity	Guildline model 8706 CTD	±0.05C° ±0.02 to ±0.04°/oo accuracy	3	Northwestern Baffin Bay	Iceberg tracking	Lemon (1980)
79-0011B	THERON (PETRO-CANADA)	July 28- Sept. 22	Currents	Aanderaa RCM 4	±20°, 2% speed	4	Northwestern Baffin Bay		Fissel (1980a)
79-0011C	THERON (PETRO-CANADA)	Aug.-Sept.	Current drift	Hermes drifters	±1.2 km	3	Northwestern Baffin Bay		Fissel (1980b)
79-0011D	THERON (PETRO-CANADA)	Sept.	Current profiles	Endeco 110	±30°, ±12 cm/s accuracy	3	Northwestern Baffin Bay		Fissel and Birch (1980)
79-0015	[illegible] (PETRO-CANADA)	Aug. 14-31	Temperature Pressure Surface drift	Applied Microsystems CTD 12 Oil spill followers	?,±0.02C° ±3 m	3	Baffin Bay		Birch (1980)
79-0023	DENMARK	Mar. 20-21	Temperature Salinity Current	? ? ?		2	Marmorilik Fjord	Dissolved oxygen?	Dan. Hydr. Inst. (1980) Gron. Geol. Und. (1980) Lewis and Perkin (1982)

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
80-0007	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	July 28– Aug. 26	Conductivity Temperature Pressure	Guildline 8770 CTD?	[.005°/oo],0.02°/oo [.005C°],0.02C°	2	Smith Sound, Nares Strait	Plankton, chlorophyll, nutrients	Bedford Institute of Oceanography (1980a)
80-0008A	POLAR BAY (PETRO-CANADA)	Aug. 5– Oct. 5	Conductivity Temperature Pressure	Applied Microsystems CTD	Accuracies: ±0.02C°,±0.07°/oo	3	Baffin Bay		Fissel and Birch (1981)
			Temperature	Reversing thermometer	±0.02C°				
			Salinity	Salinometer	±0.02°/oo				
80-0008B	POLAR BAY (PETRO-CANADA)	Aug. 5– Oct. 5	Subsurface currents	Aanderaa RCM 4	±10° accuracy	3/1	Baffin Bay		Fissel and Birch (1981)
80-0008C	POLAR BAY (PETRO-CANADA)	Aug. 5– Oct. 5	Surface drift	ARGOS/drogued drifters	±1.2 km accuracy	4	Baffin Bay		Fissel and Birch (1981)
80-0012A	B.I.O.S. (CANADA)	June 11– Sept. 13	Conductivity Temperature Pressure	AMS CTD 12	? ? ?	2	Eclipse Sound	Waves	
80-0012B	B.I.O.S. (CANADA)	June 11– Nov. 5	Subsurface currents	Aanderaa RCM 4	?	2	Eclipse Sound		Buckley and de Lange Boom (1981) de Lange Boom and Buckley (1981)
			Pressure Temperature Salinity		? ? ?				
			Surface currents	Radar-tracked drogues	?				
			Water level	AMS TG-12	?				
80-0017	HUDSON (CANADA) (BEDFORD INST. OF OCEANOGRAPHY)	Sept. 1–11	Conductivity Temperature Pressure	CTD	?	1	Baffin Bay	Hydrocarbons, nutrients, bottom cores, geophysics	B.I.O. Cruise Report No. 80-028
81-0019	CANADIAN HYDROGRAPHIC SERVICE	Mar. 4– Apr. 19	Water level				Jones Sound		MEDS #810001

TABLE 1: SUMMARY LISTING OF DATA SETS (Cont'd)

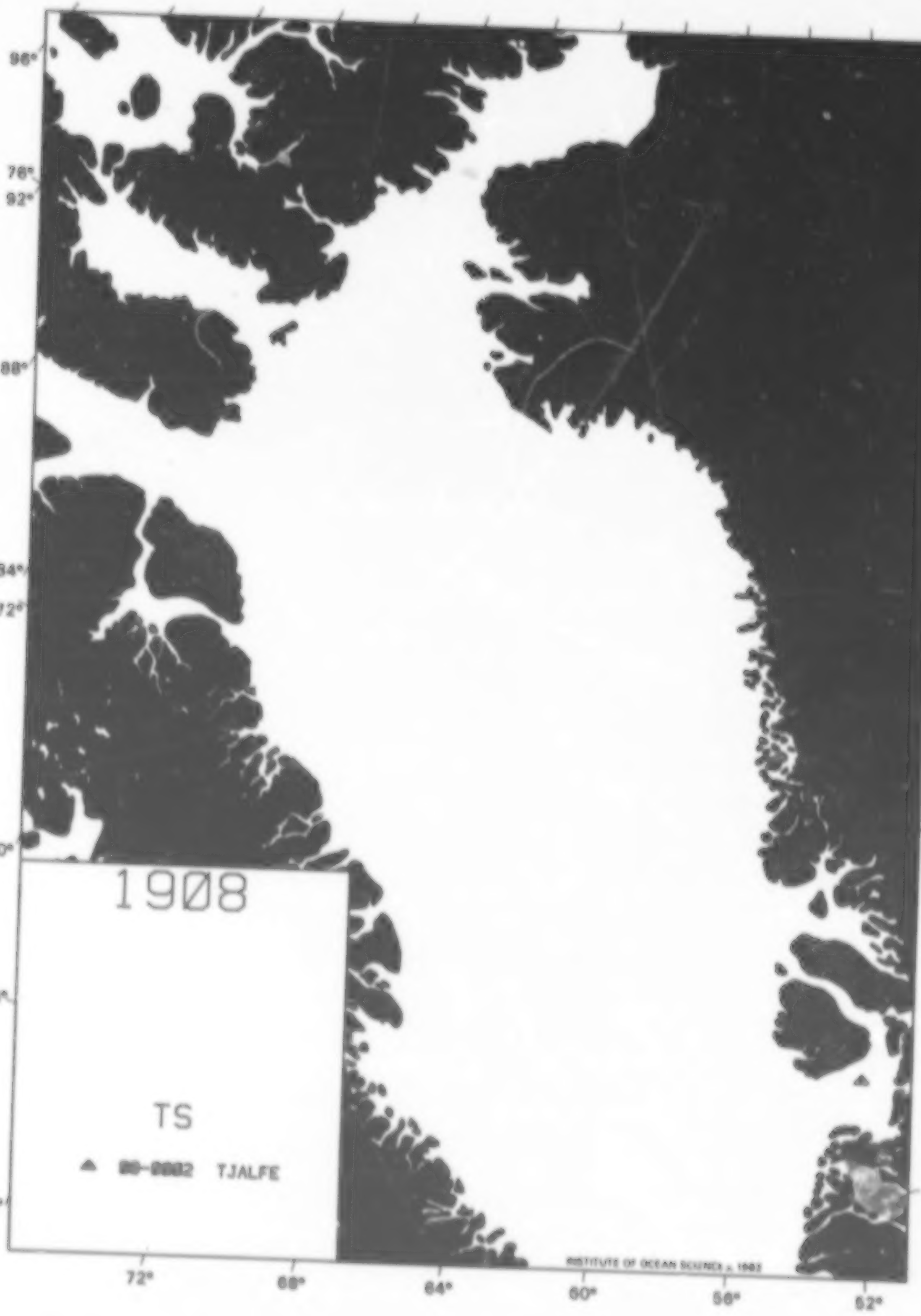
Data Set I.D.	Ship or collecting agency	Dates of measurements	Quantity measured	Instruments or methods used ?=Unknown	Estimate of data precision and accuracy	Data rating number	Area	Concurrent measurements	Source or reference
81-0030A	B.I.O.S. (CANADA)	Aug. 6-29	Conductivity Temperature Pressure	AMS CTD 12	? ? ?	2	Eclipse Sound		
81-0030B	B.I.O.S. (CANADA)	Aug. 7-30	Subsurface currents Pressure Temperature Salinity	Aanderaa RCM 4	? ? ? ?	2	Eclipse Sound		
			Water level Temperature	AMS TG-12	? ?				

9. MAPS

This section contains maps showing the yearly distribution of temperature, salinity, current, water level, and surface drift measurements. Each year may have up to four maps, all in Lambert Conformal Conic projection (Figure 3). Temperature-salinity and water level data are plotted together if no current meter data existed in that year. If current meter data were collected in that year, then the first map(s) will show only temperature and salinity data, and a second map will show the current meter data, as well as any water level or drifter data. The areas of Lagrangian drifter data are indicated by hatching. The legend indicates the following data types:

CM - current meter data
DRF - drifter data
TS - temperature-salinity data
WL - water level data

The coastlines have been smoothed and small islands removed. Vessel/agencies in the legend are abbreviations. Note that cruise station symbols may be different on two different maps.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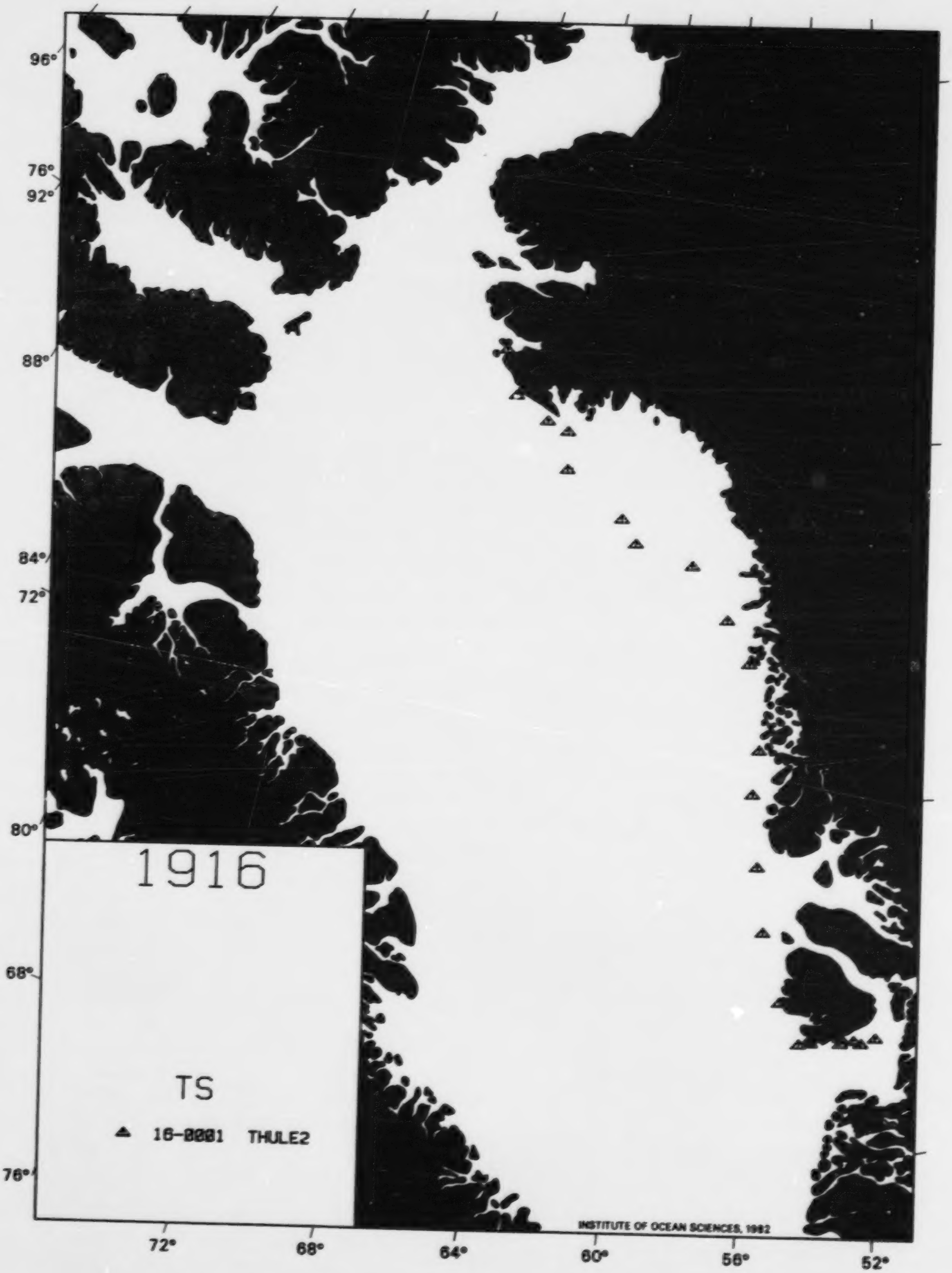
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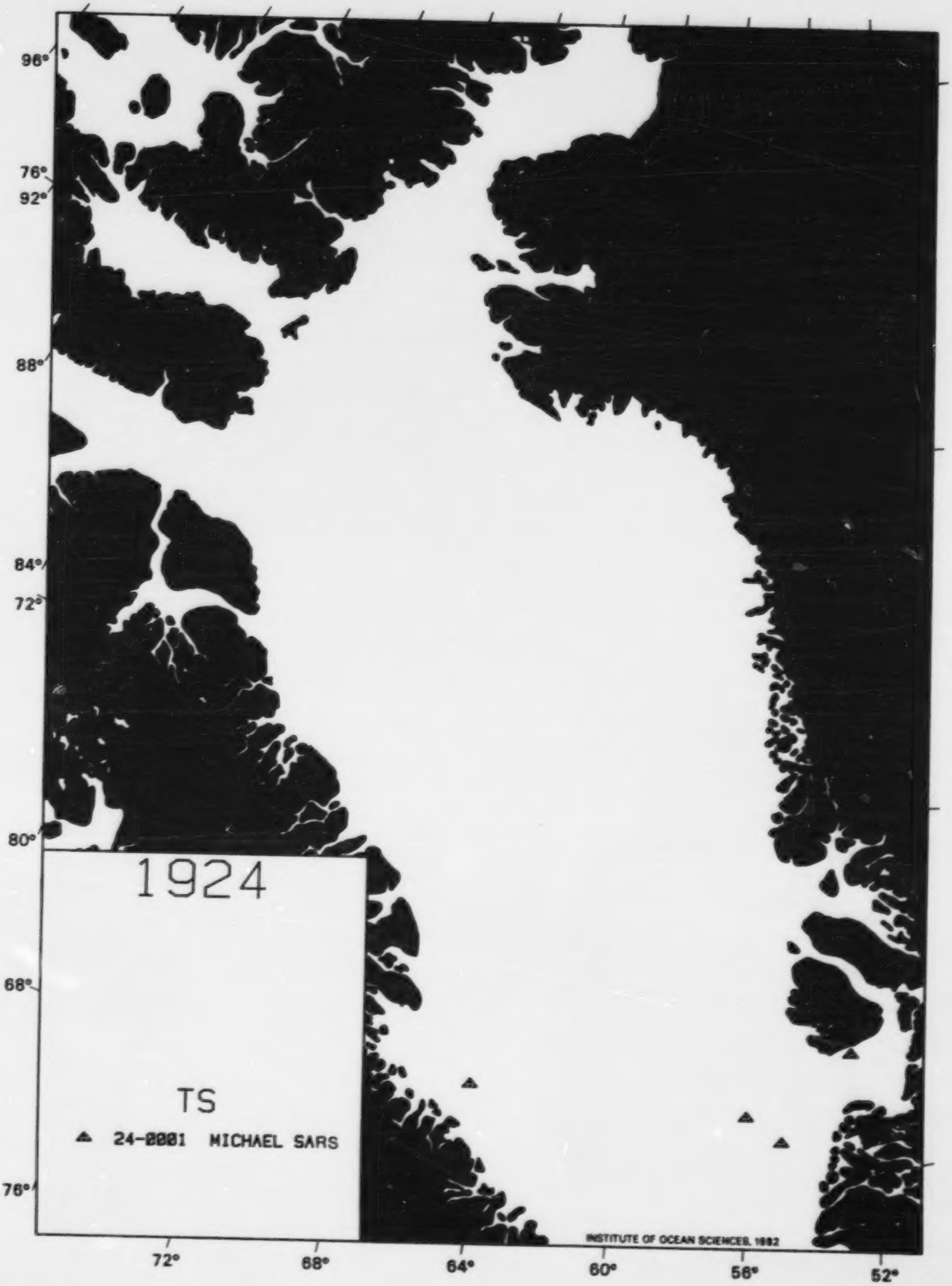
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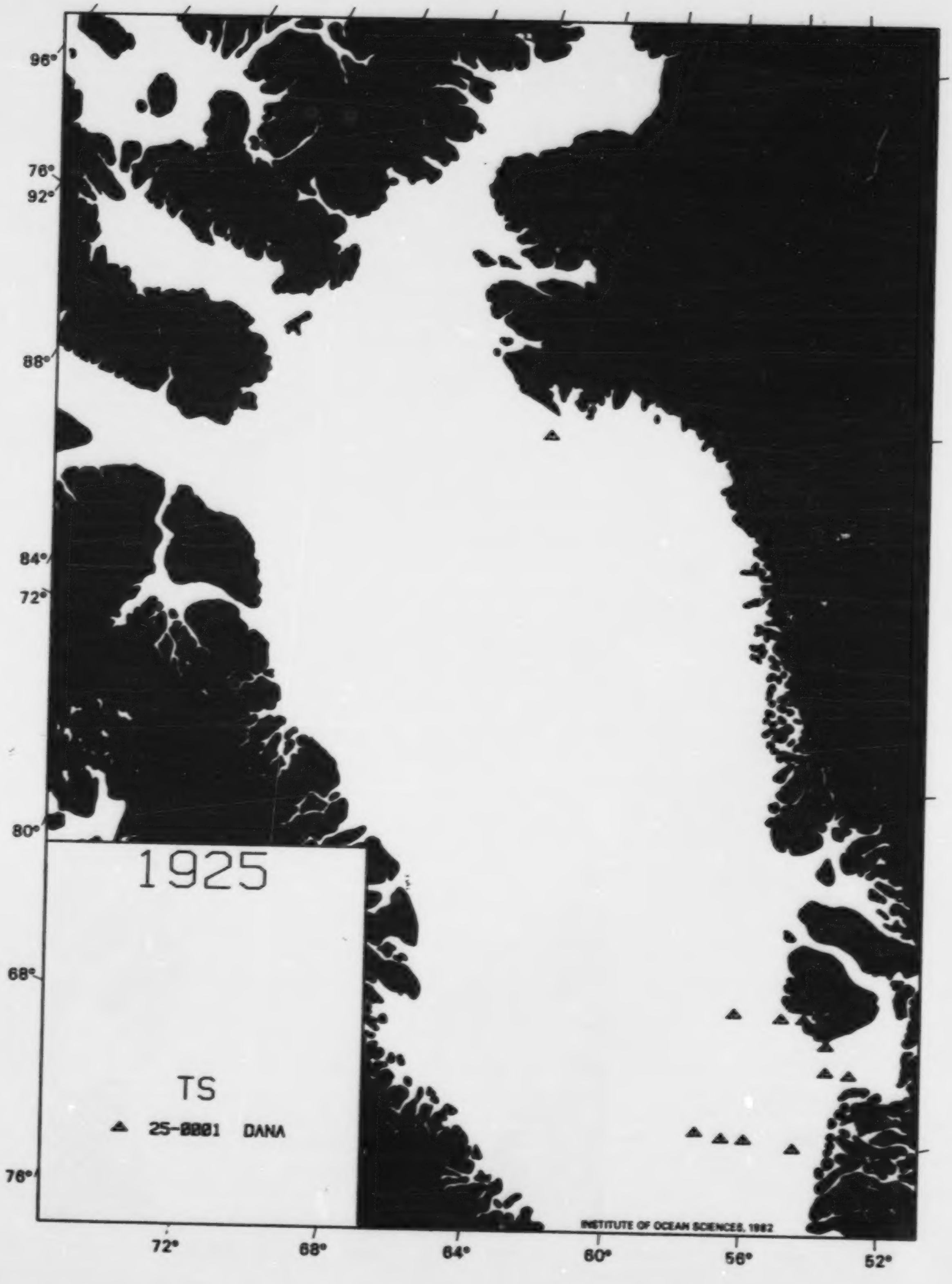
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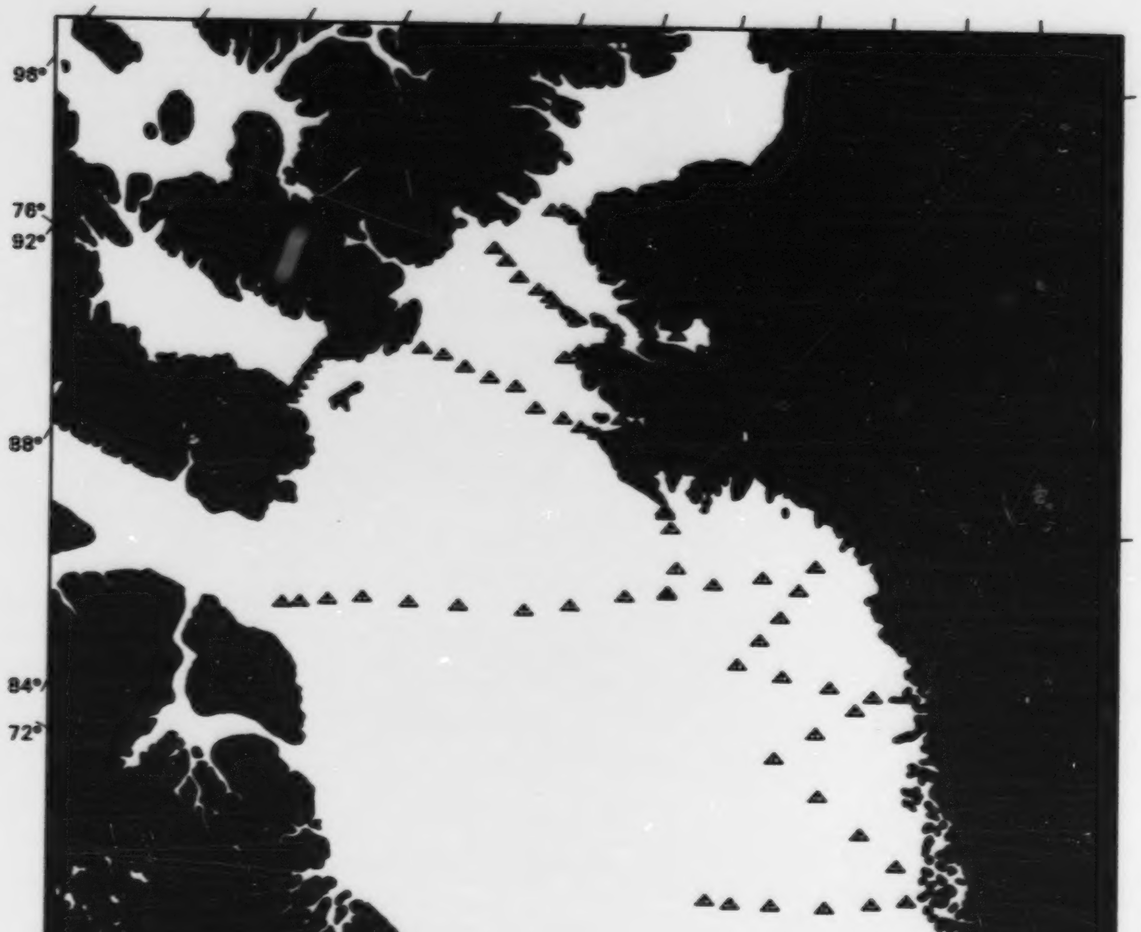
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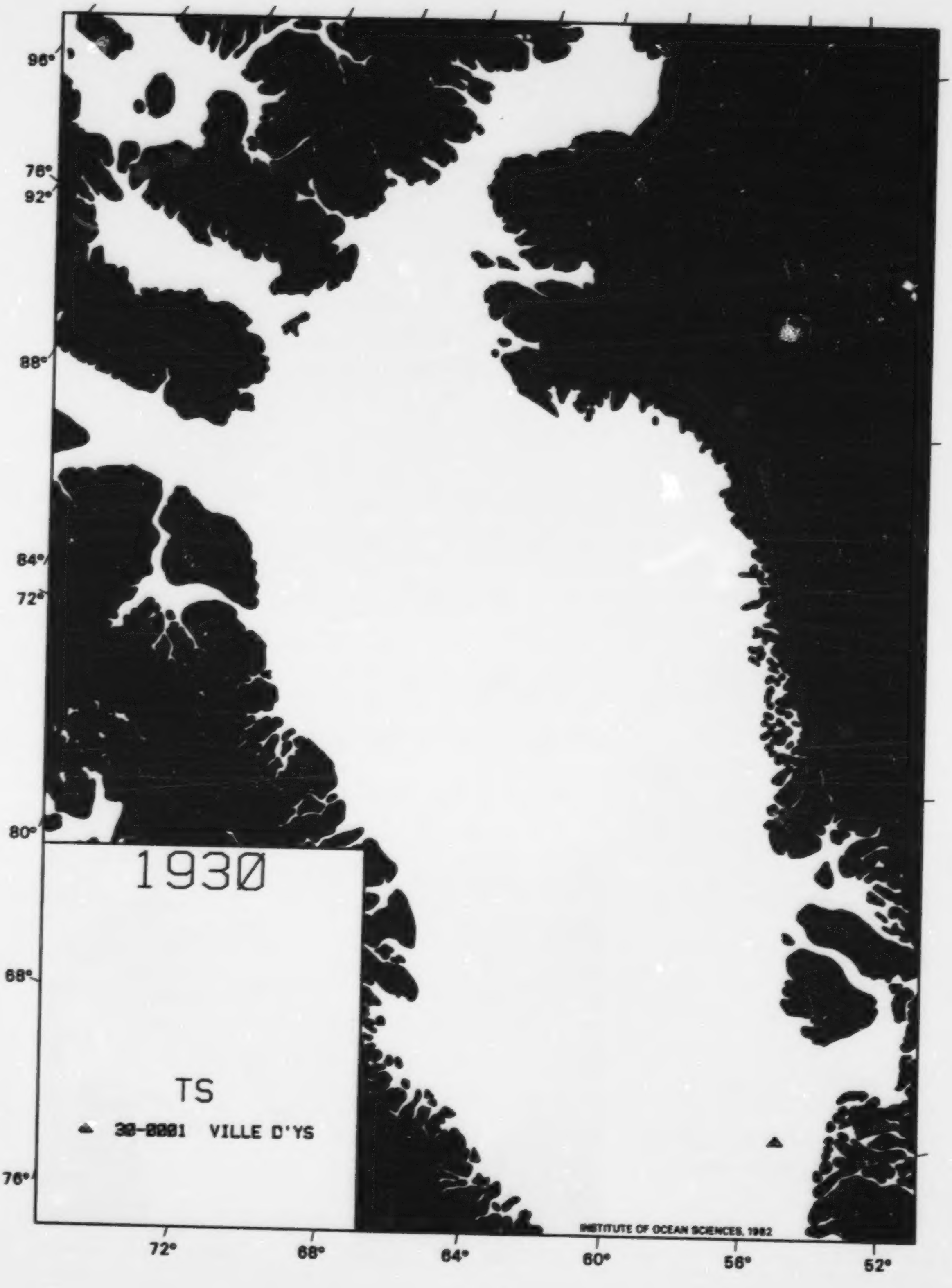
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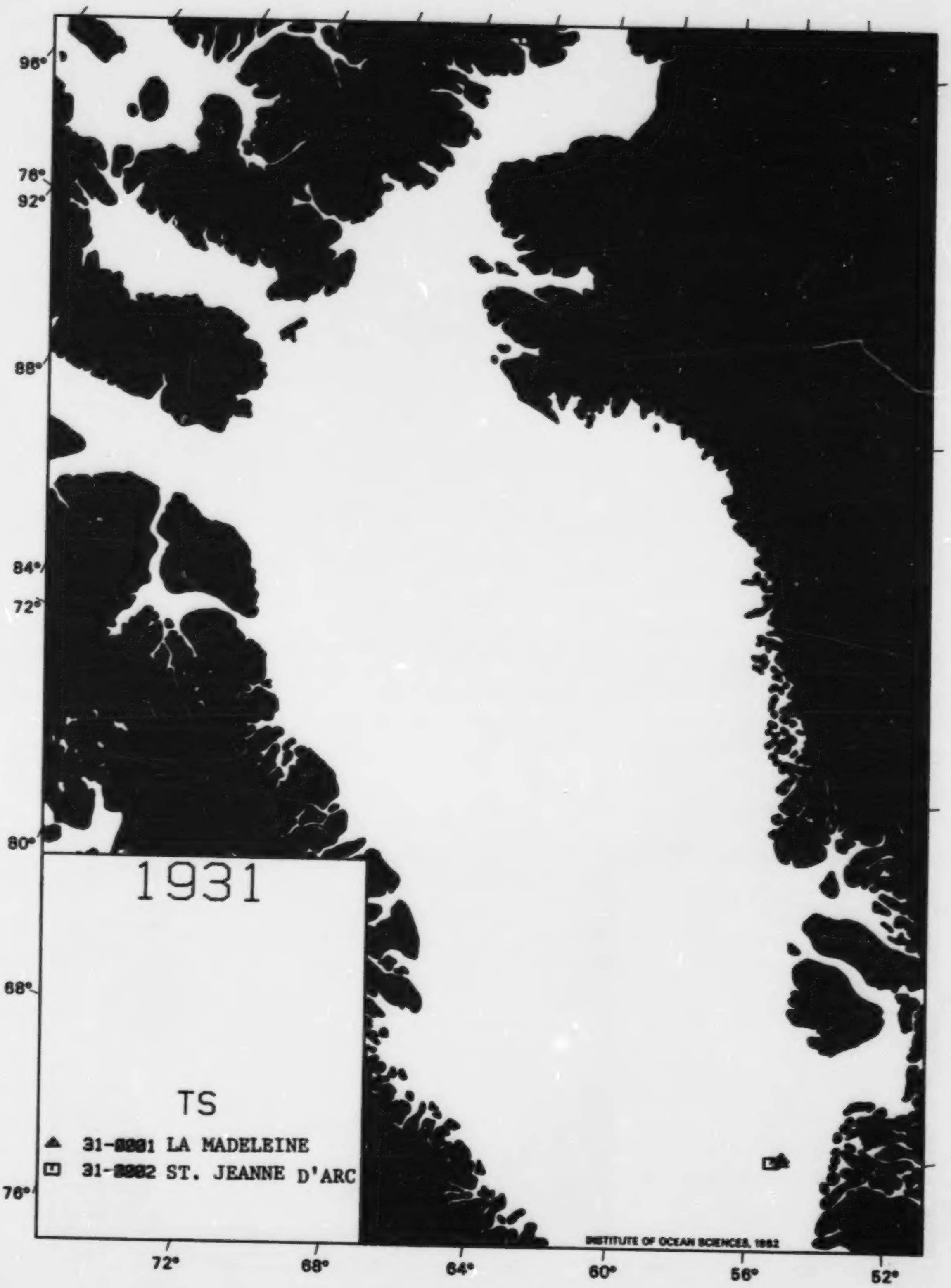
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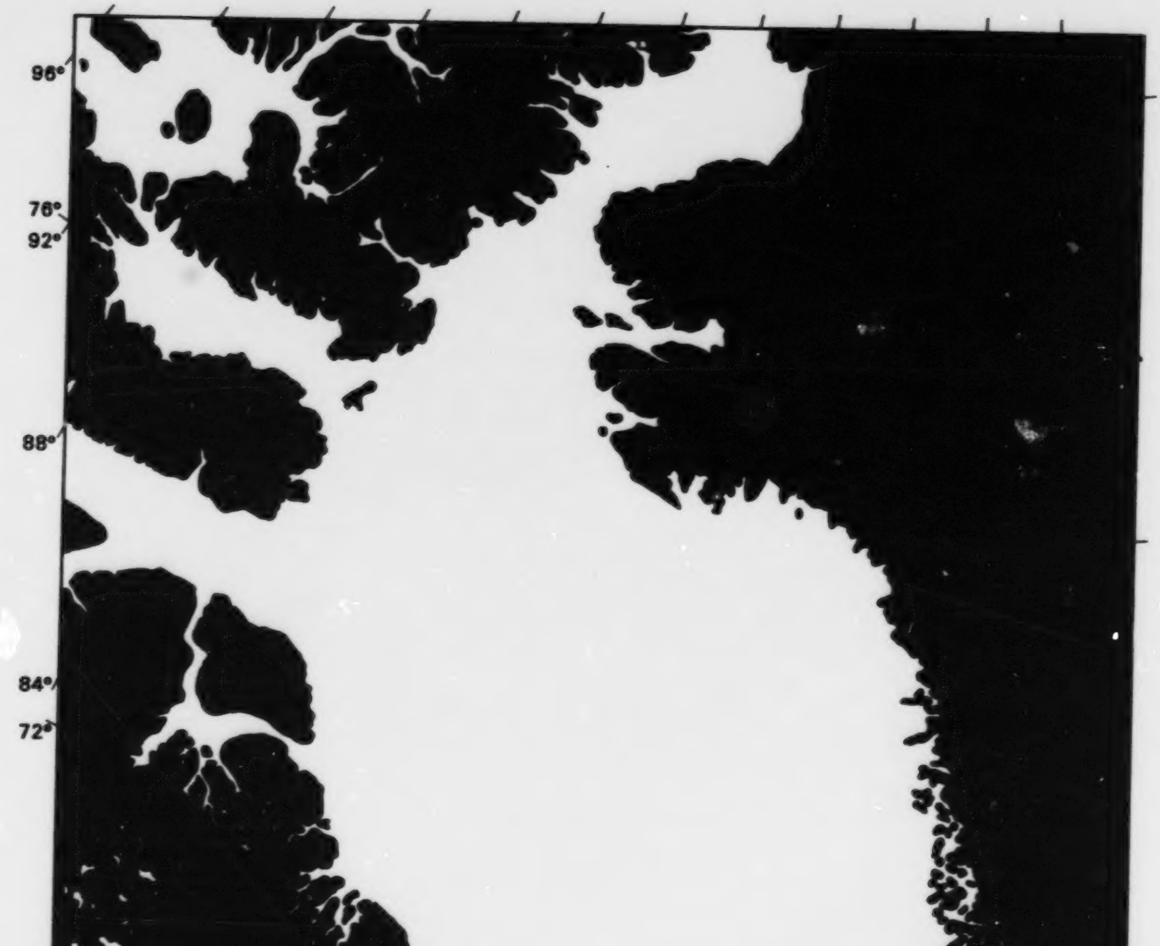
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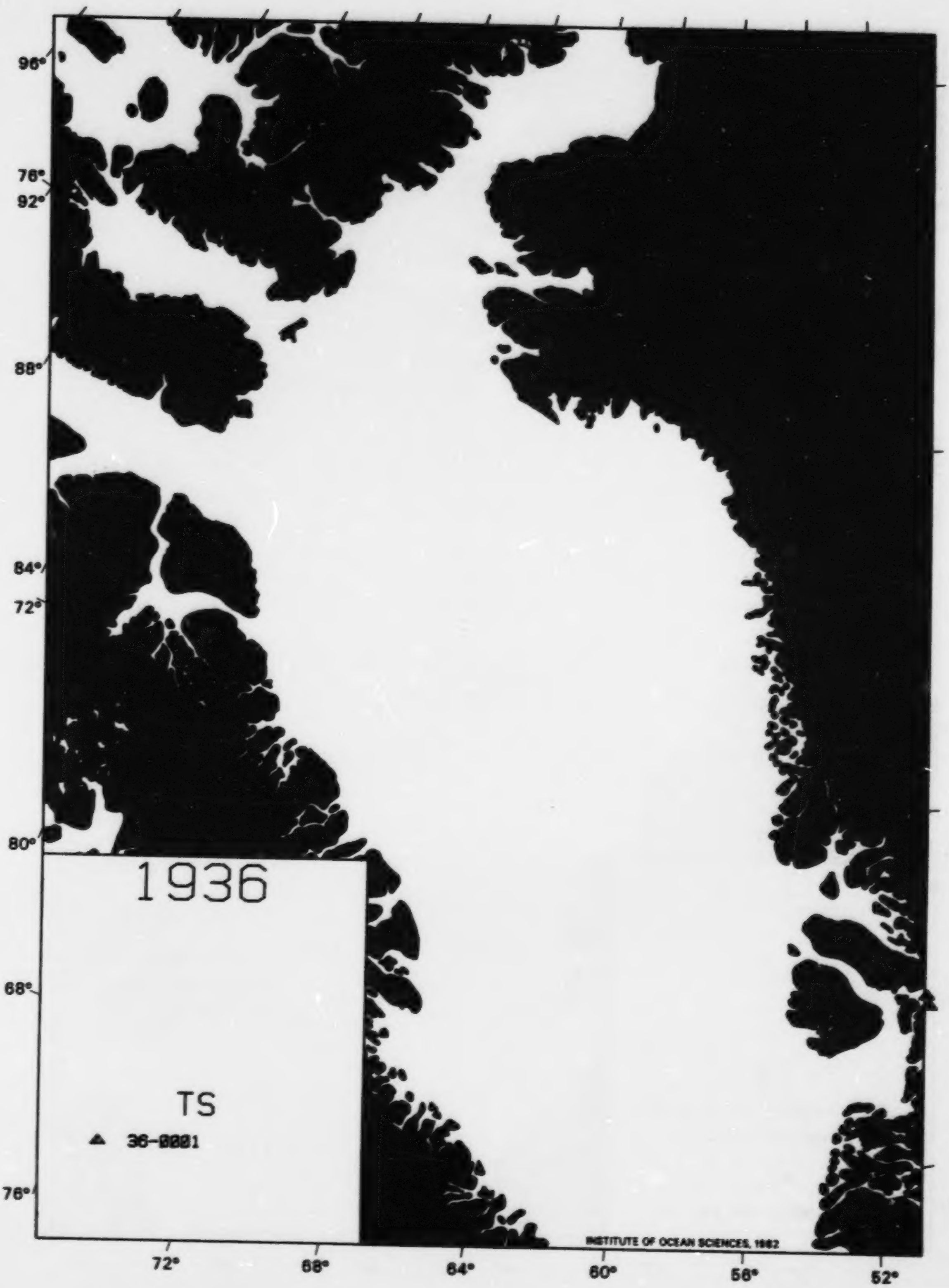
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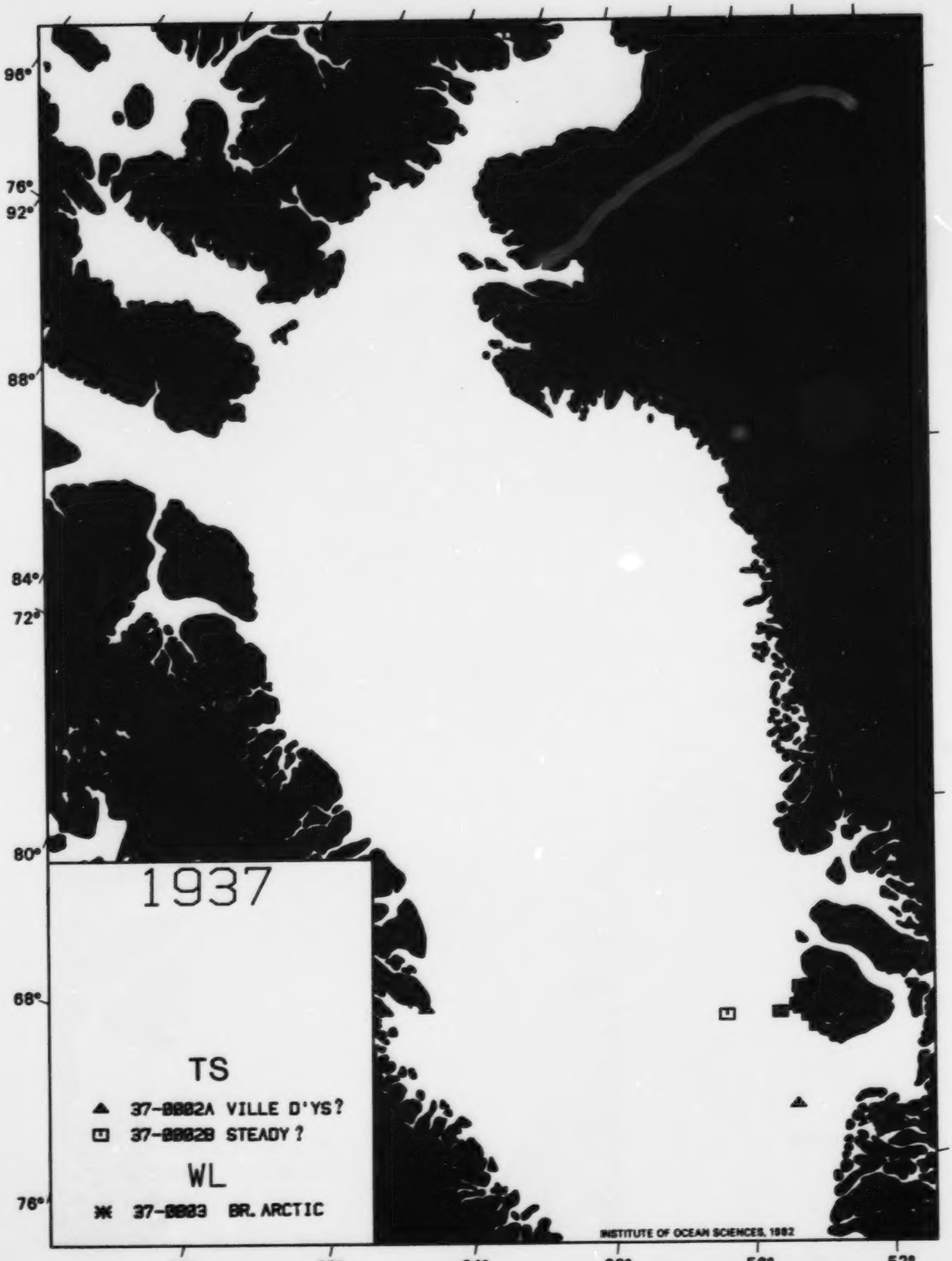
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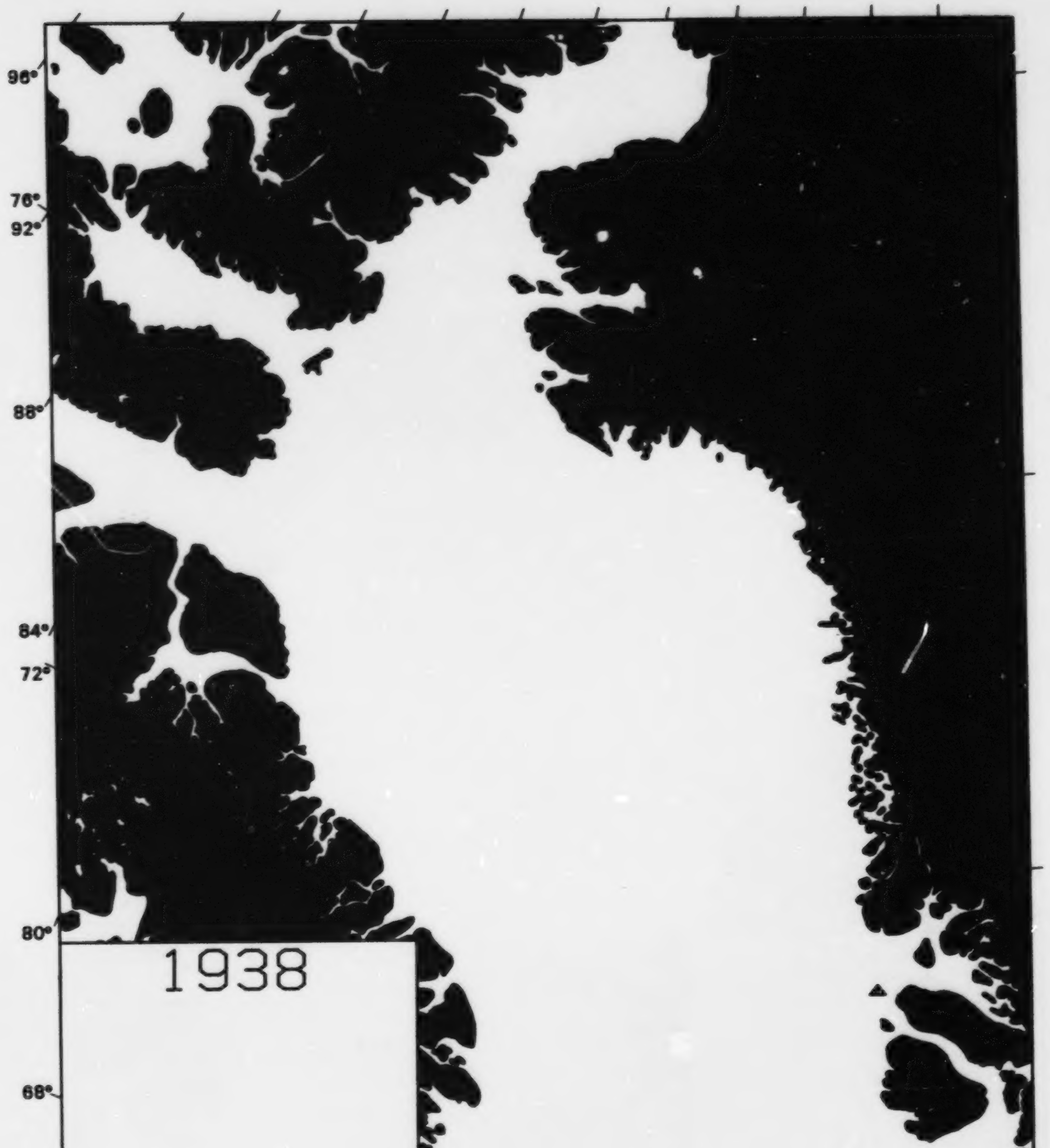
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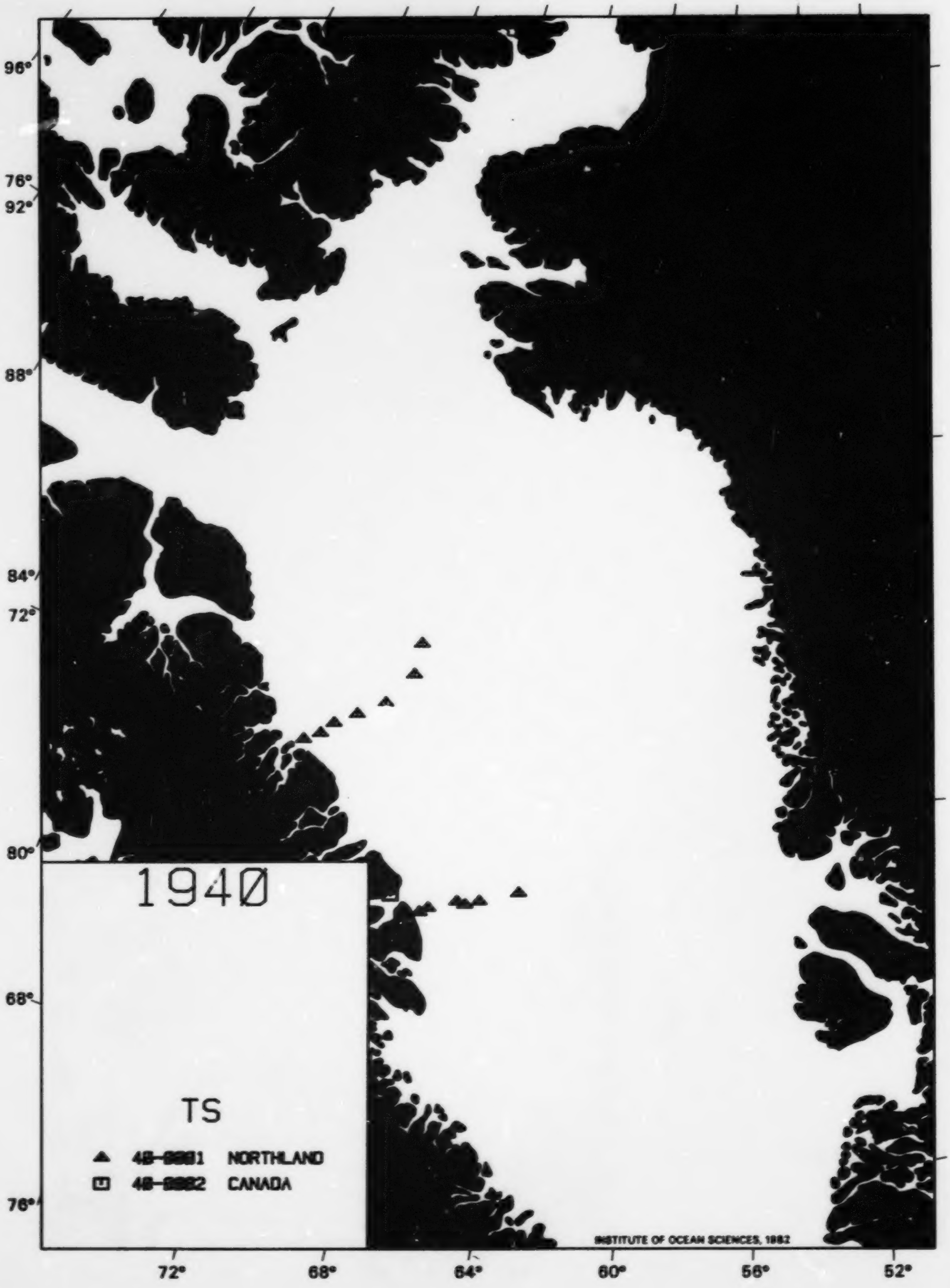
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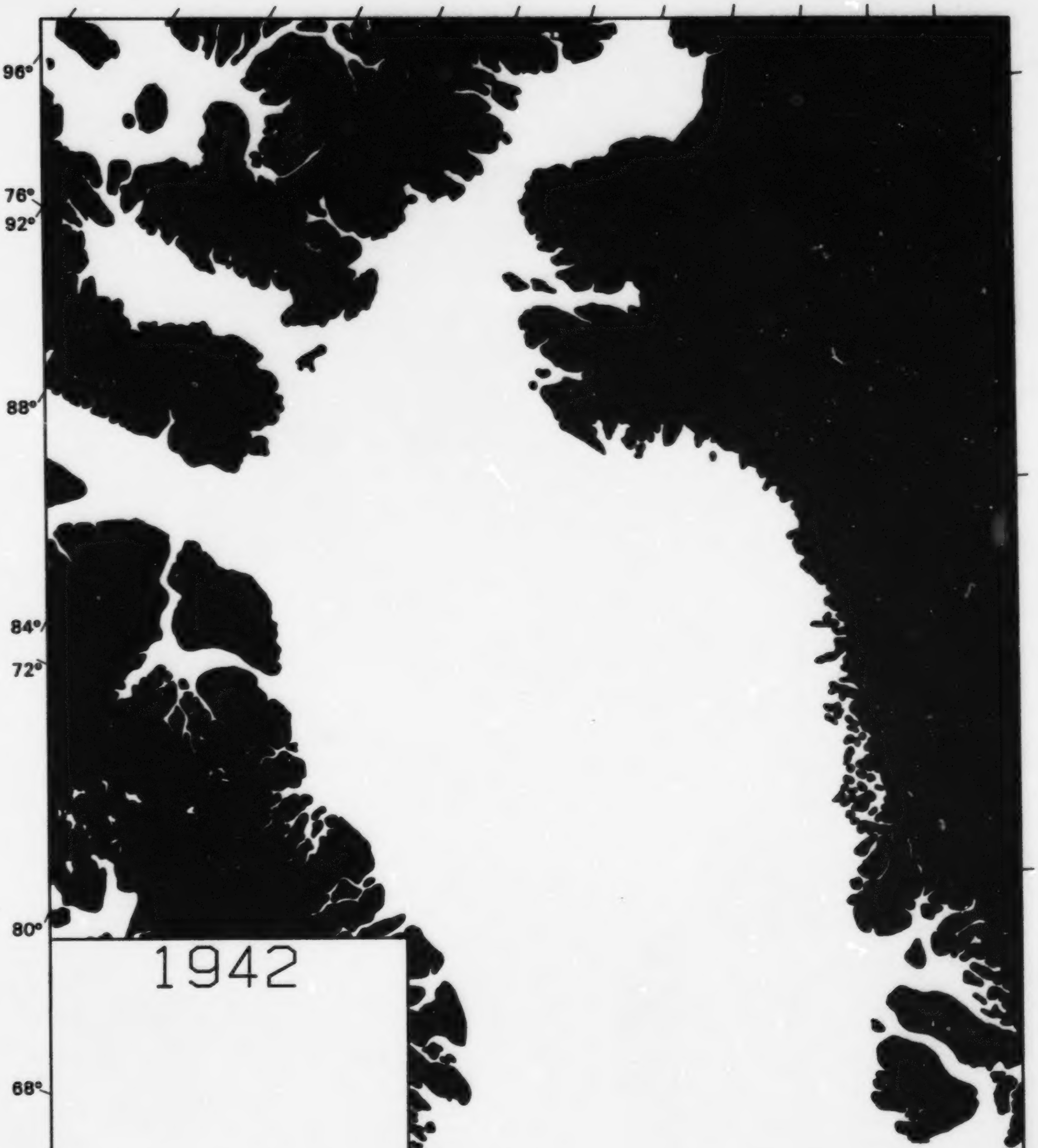
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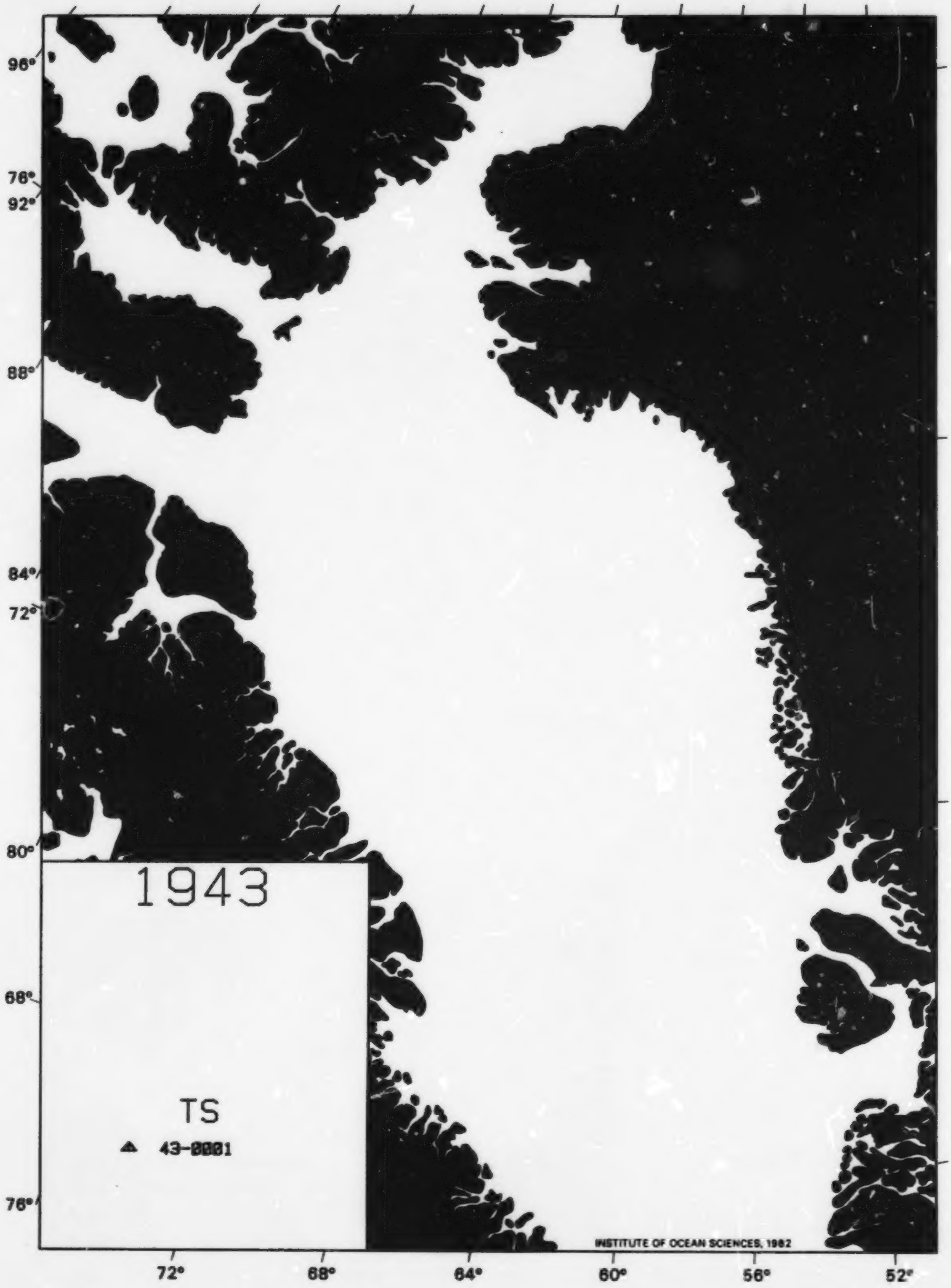
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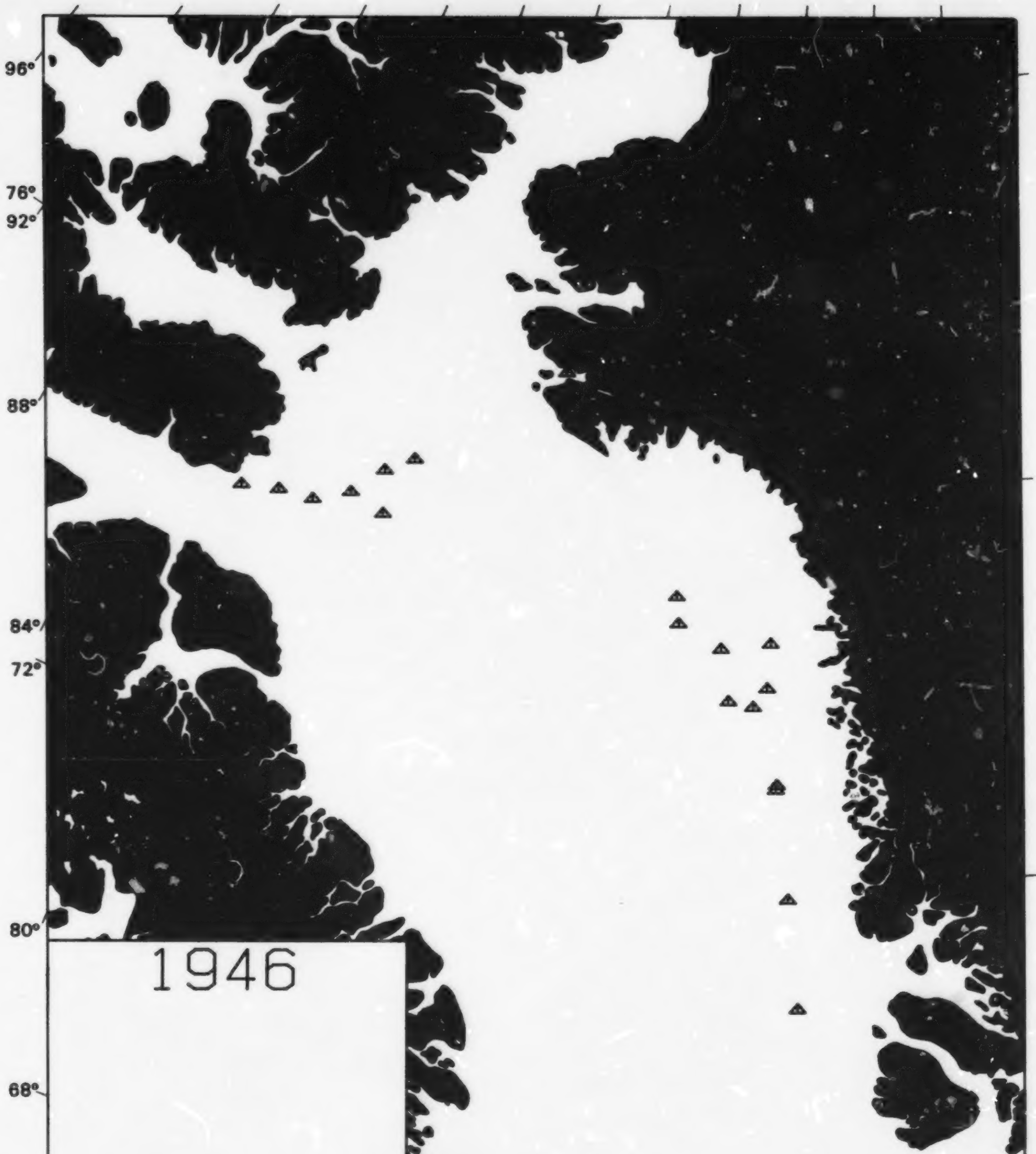
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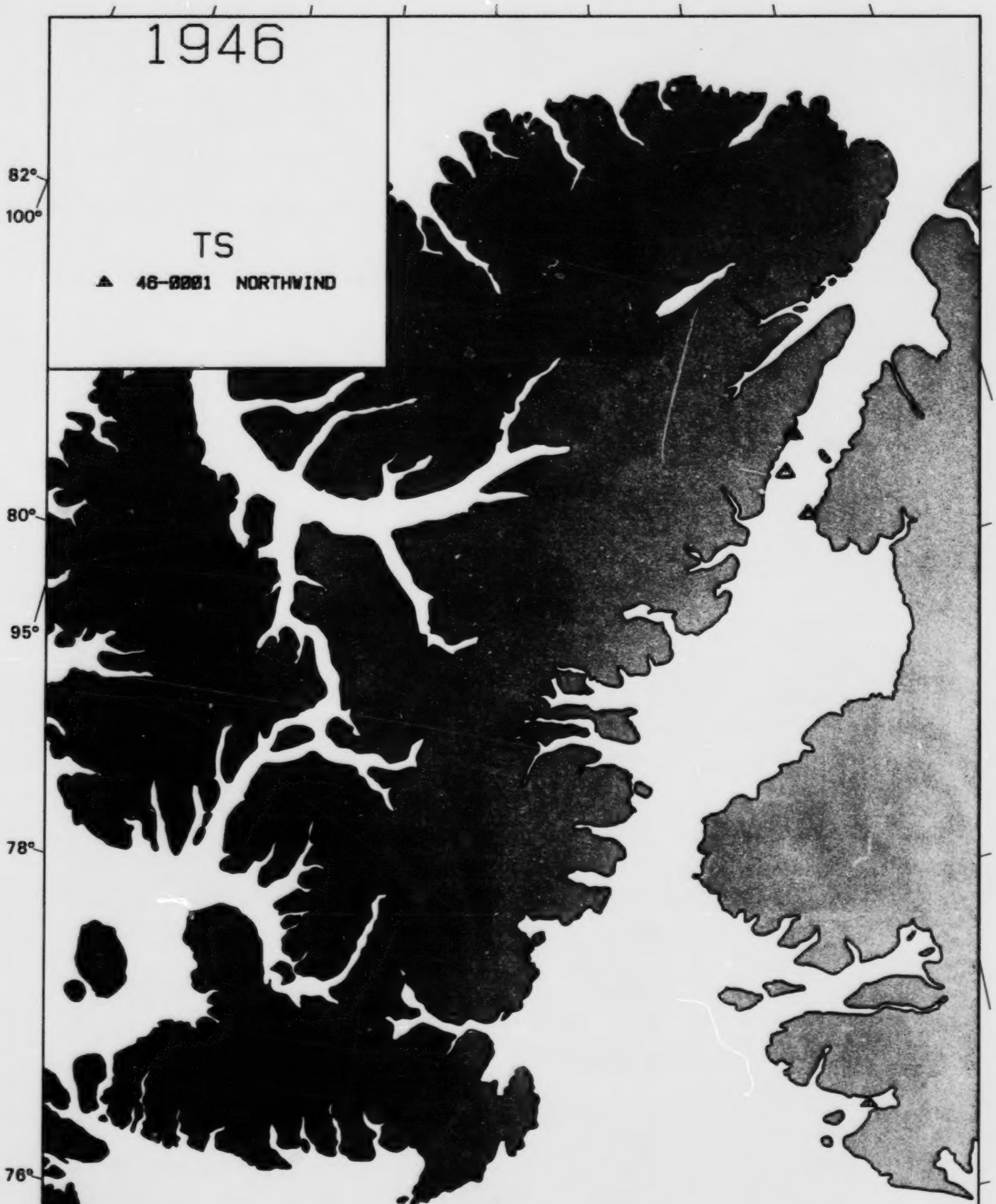
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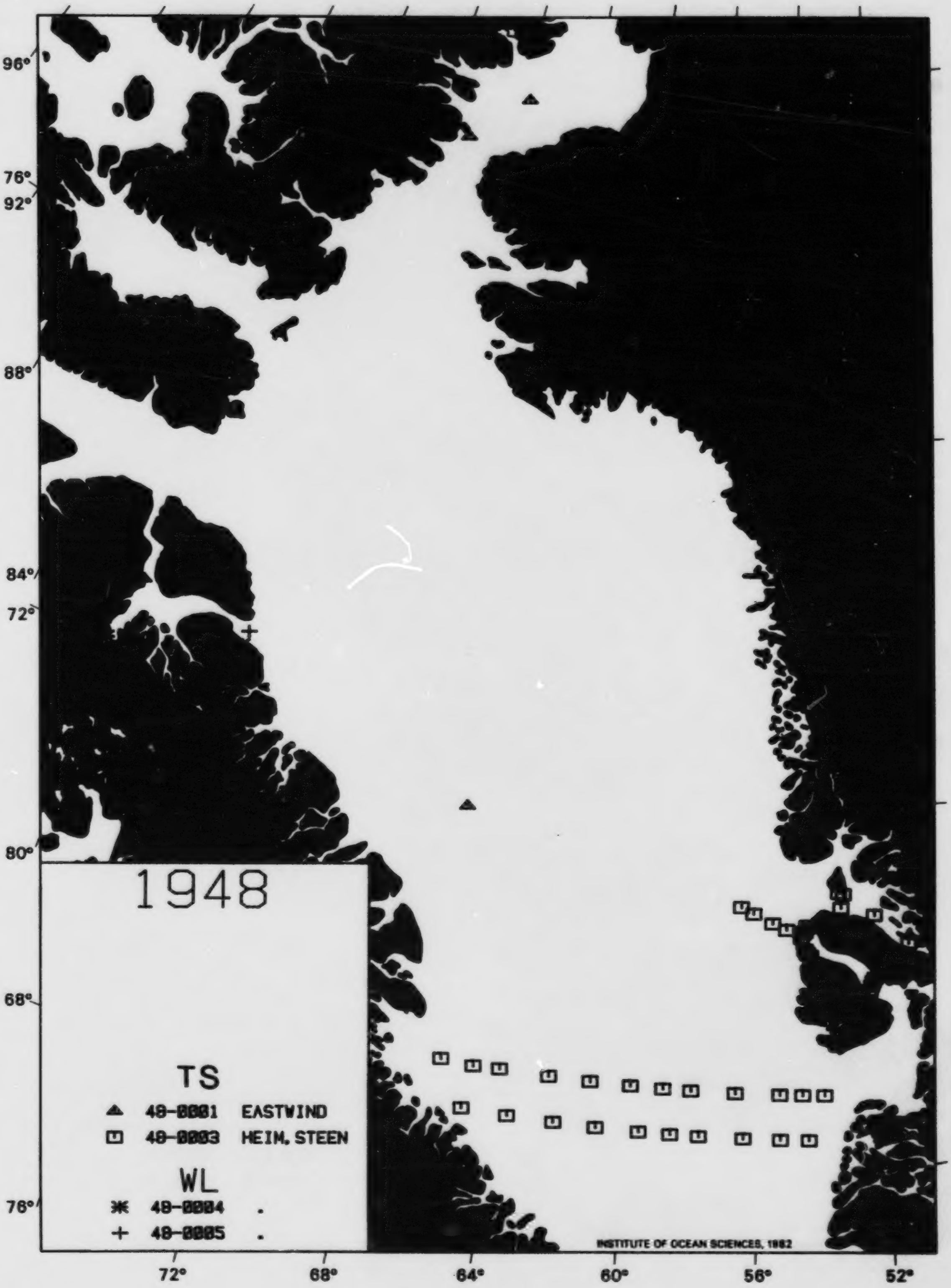
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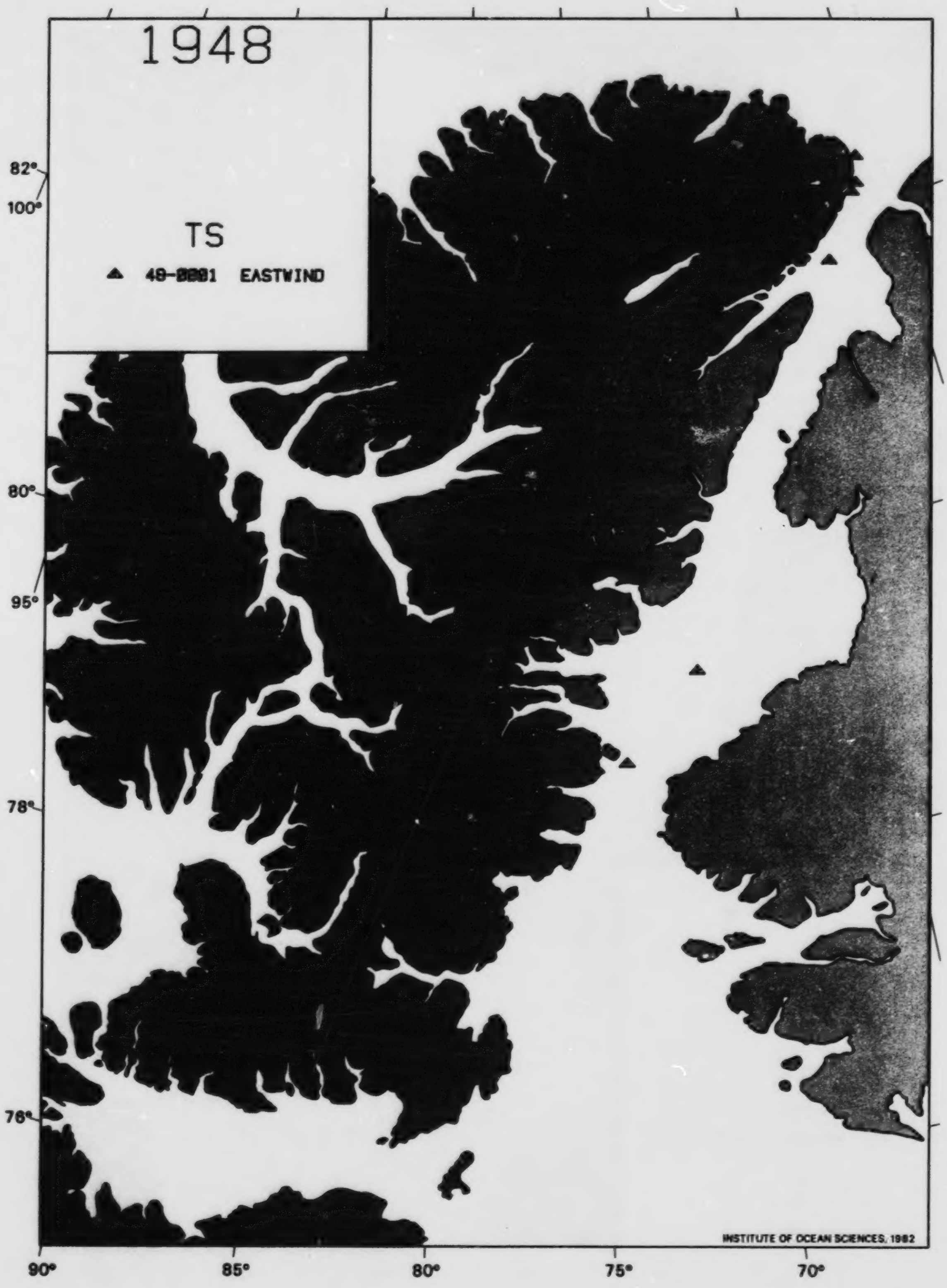
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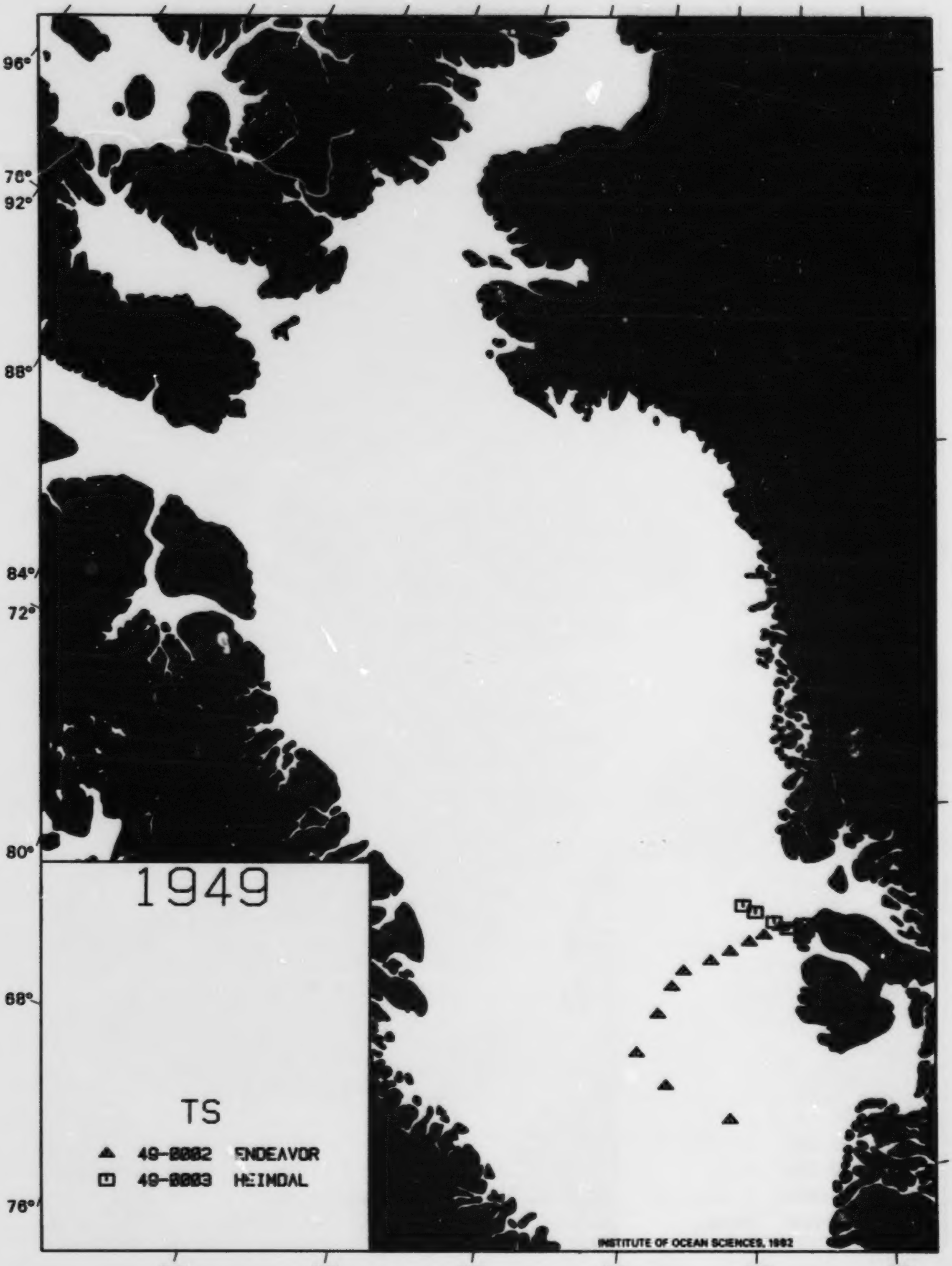
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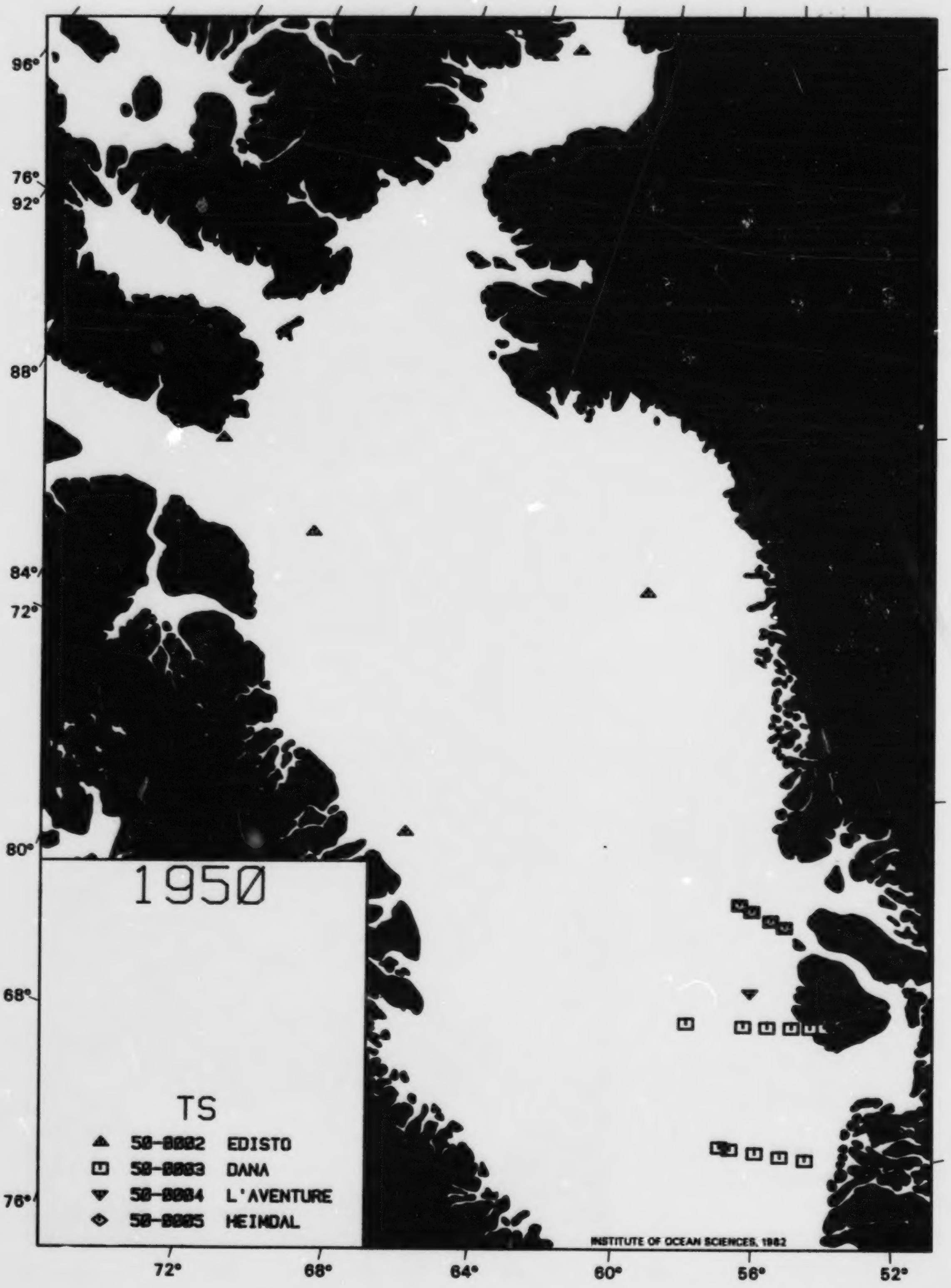
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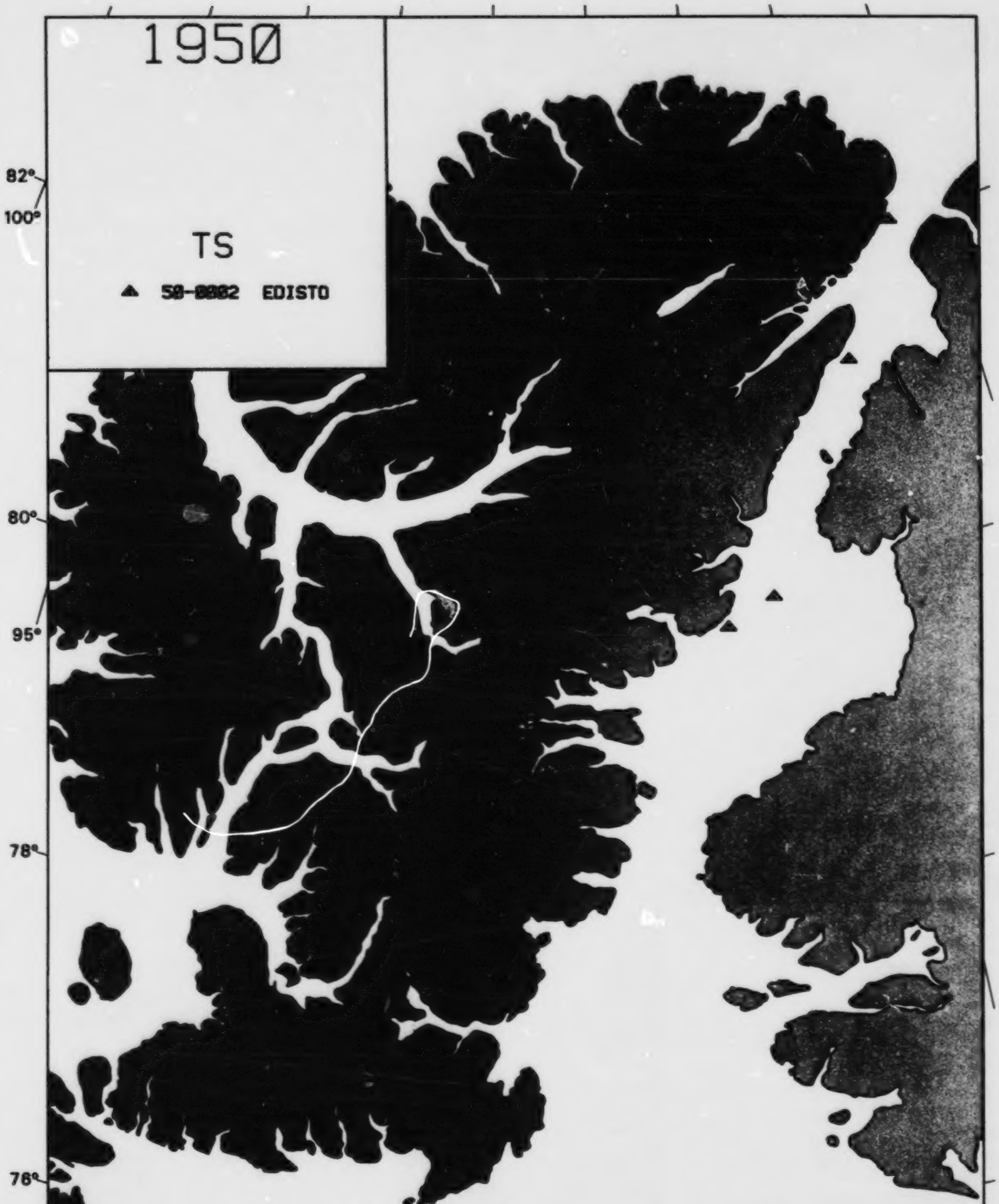
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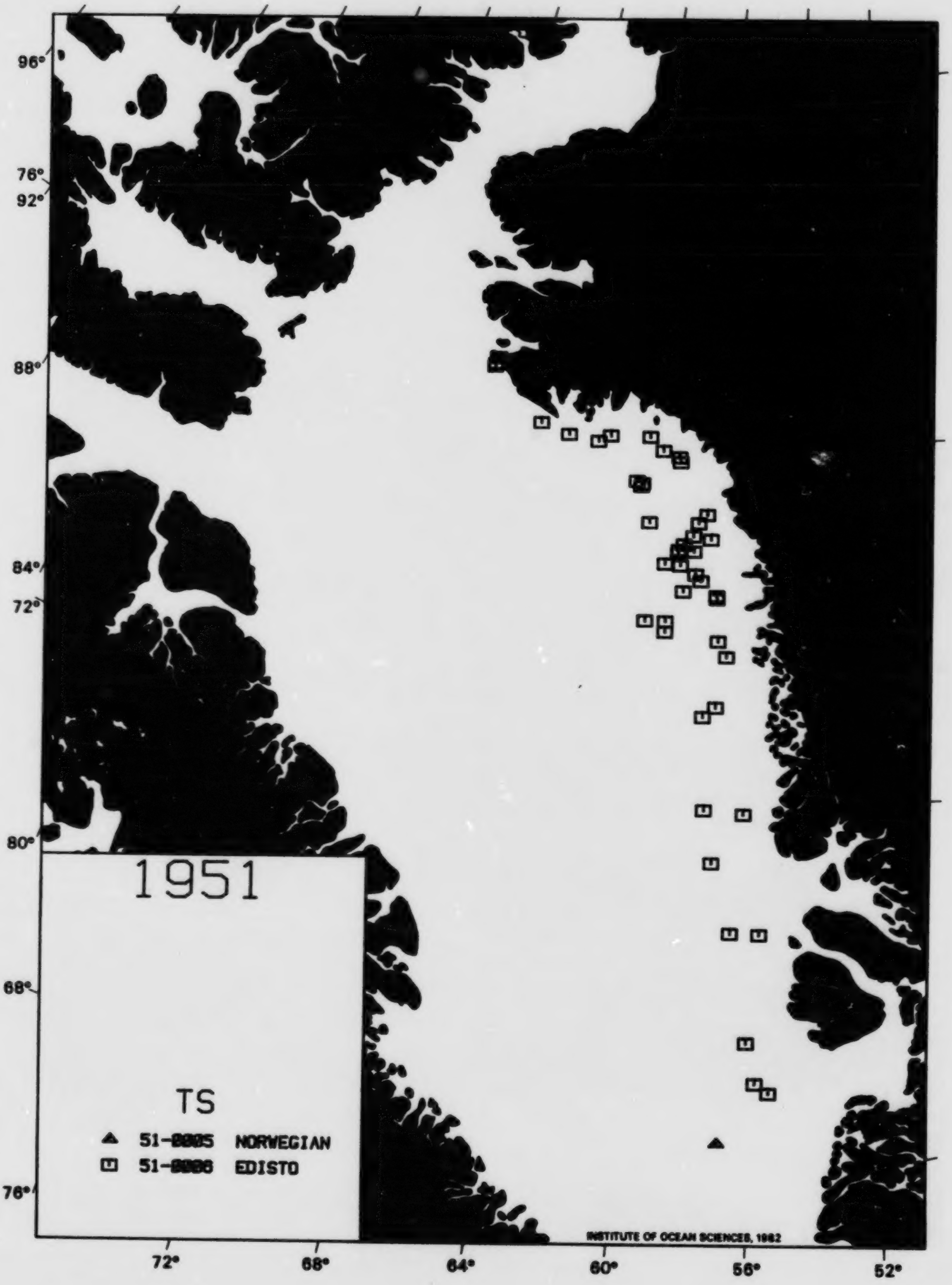
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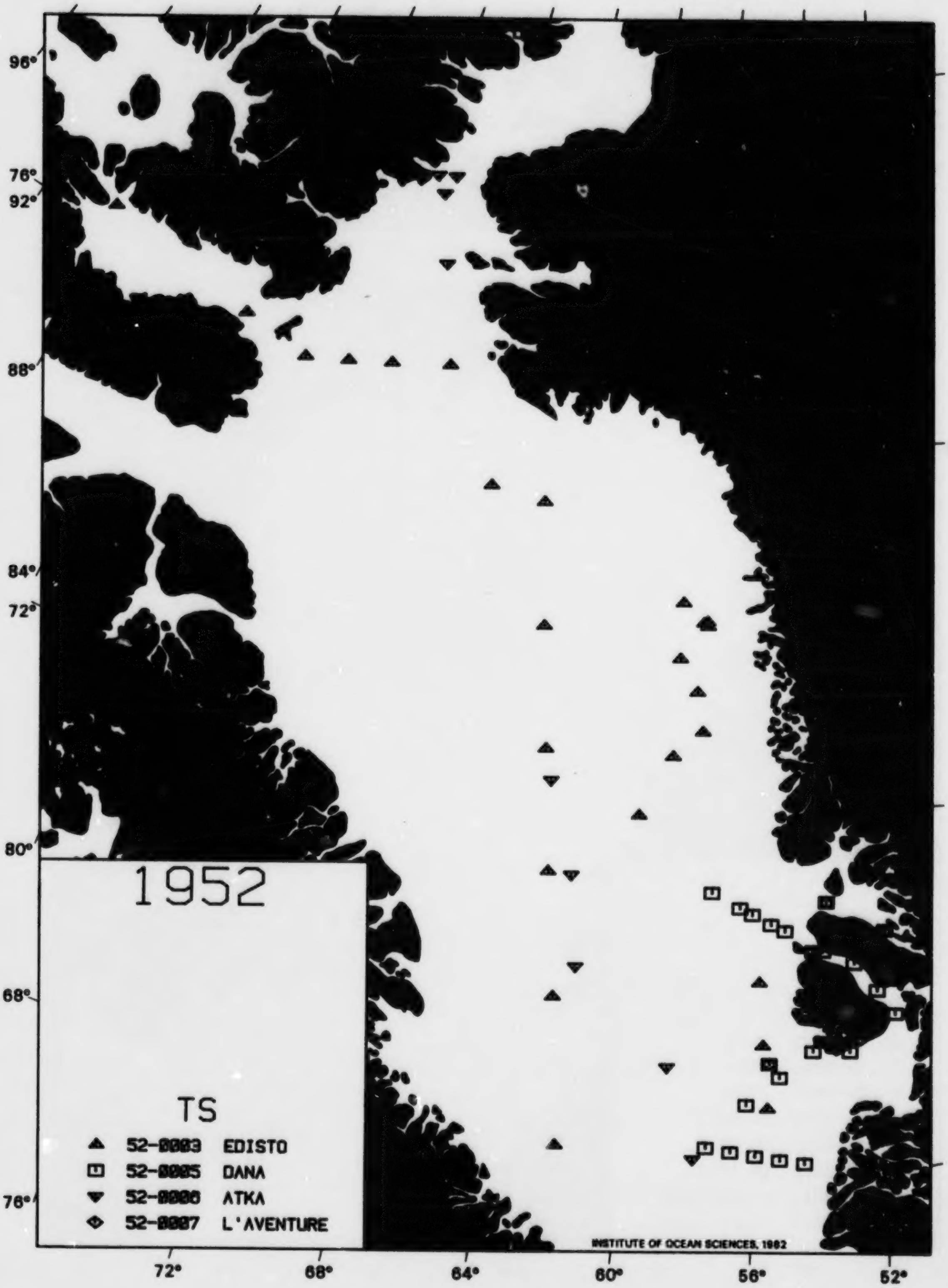
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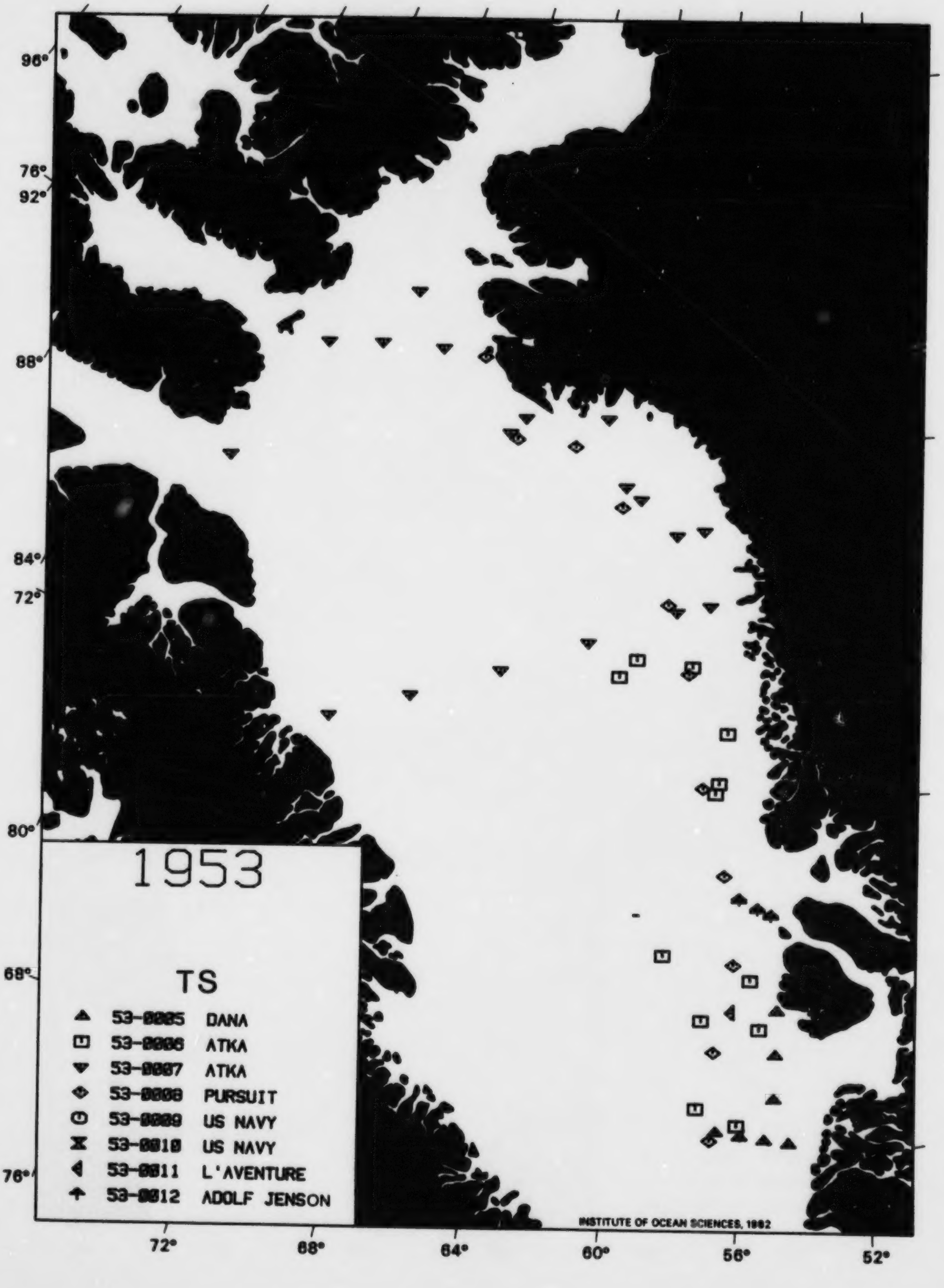
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◆ 53-0008 PURSUIT
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⧗ 53-0010 US NAVY
◀ 53-0011 L'AVENTURE
✦ 53-0012 ADOLF JENSON
INSTITUTE OF OCEAN SCIENCES, 1982
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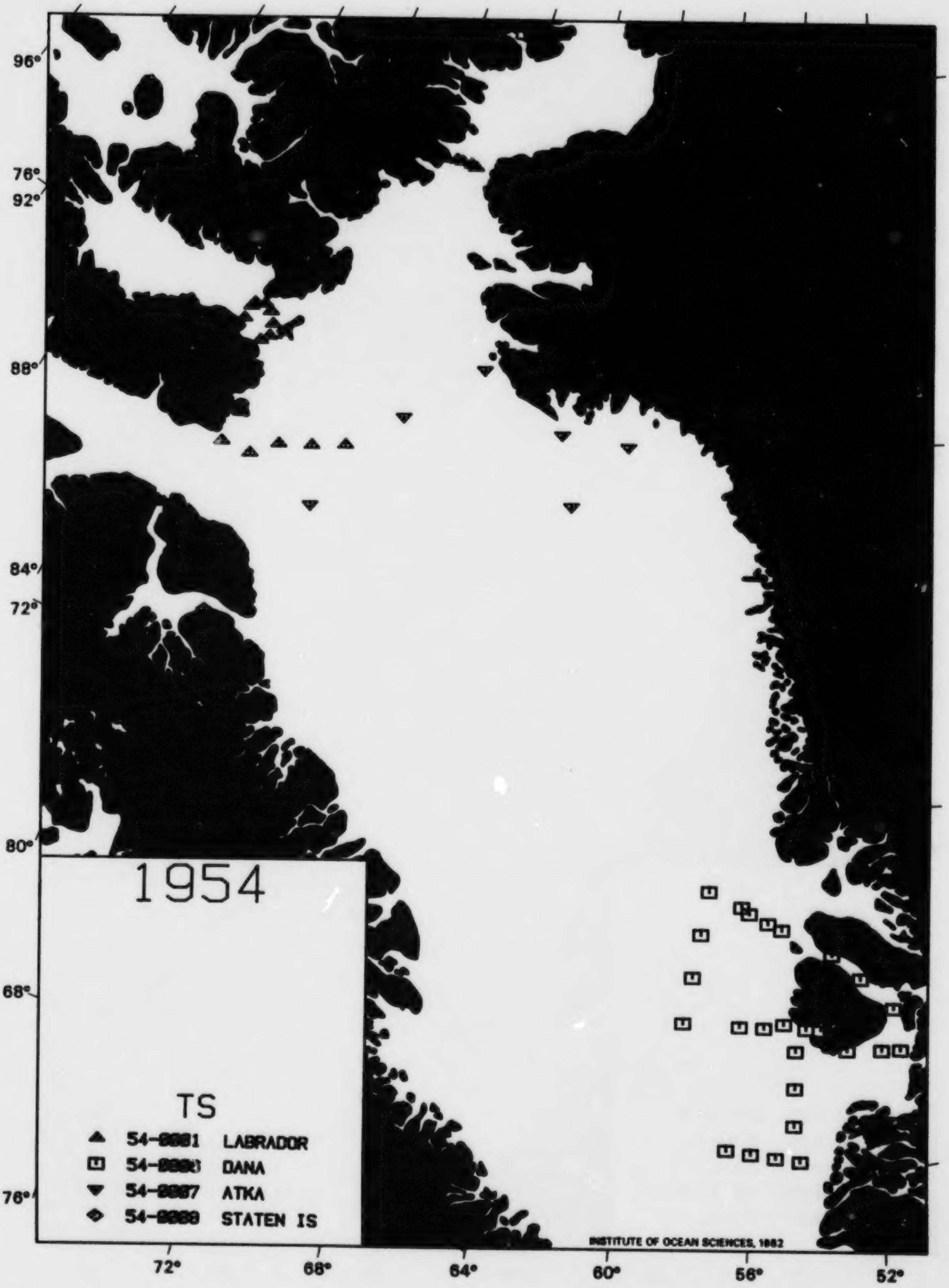
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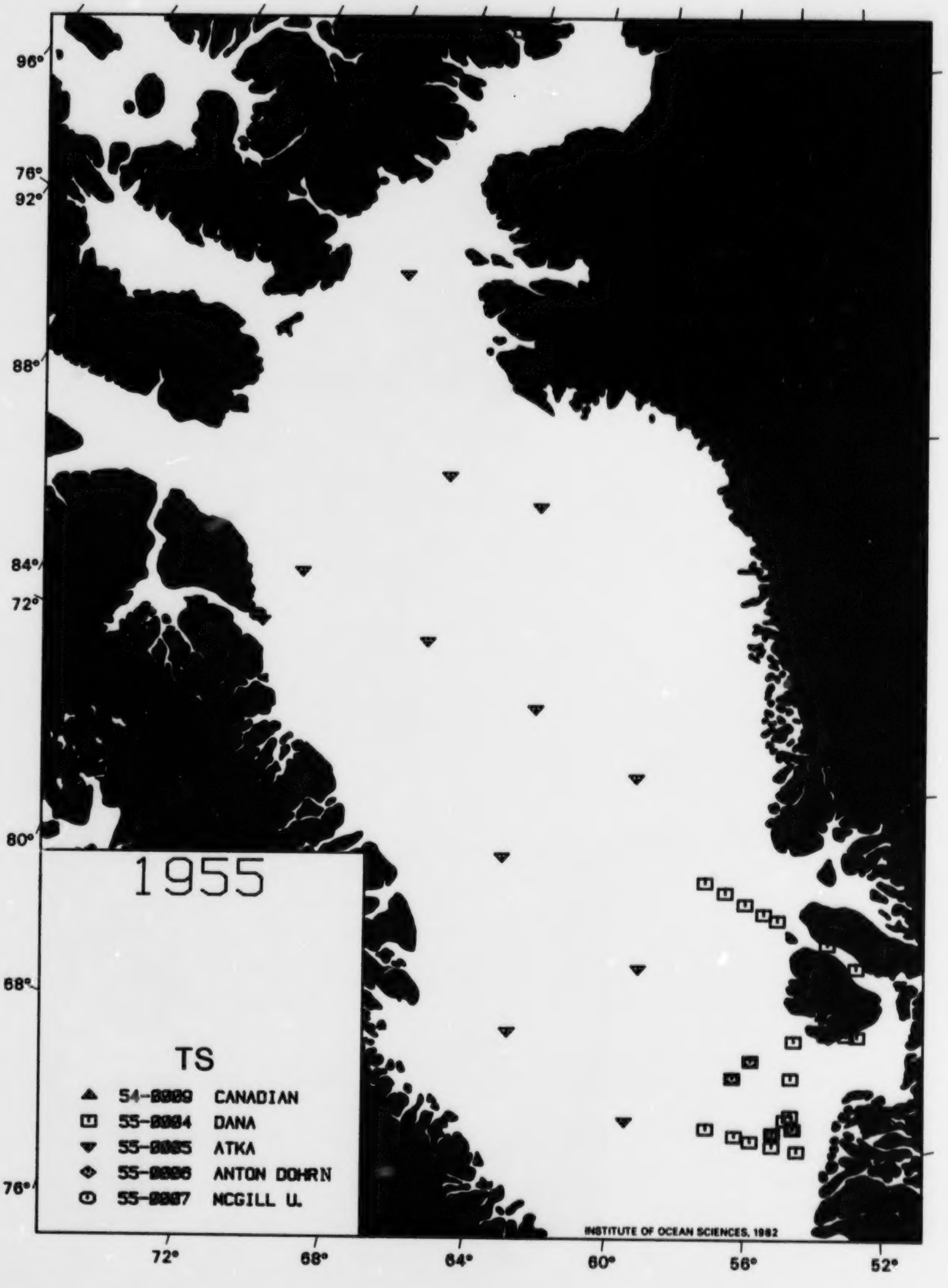
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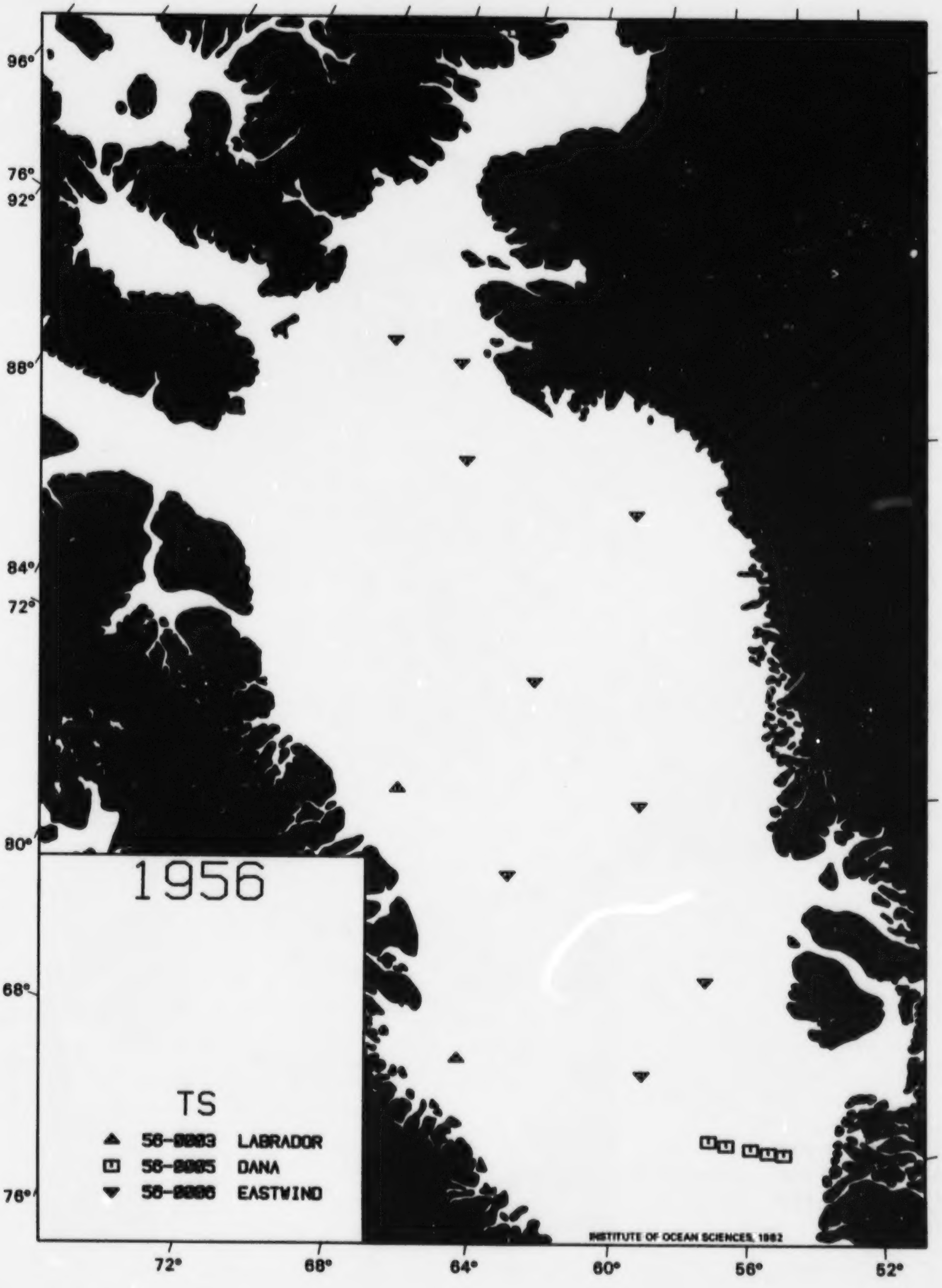
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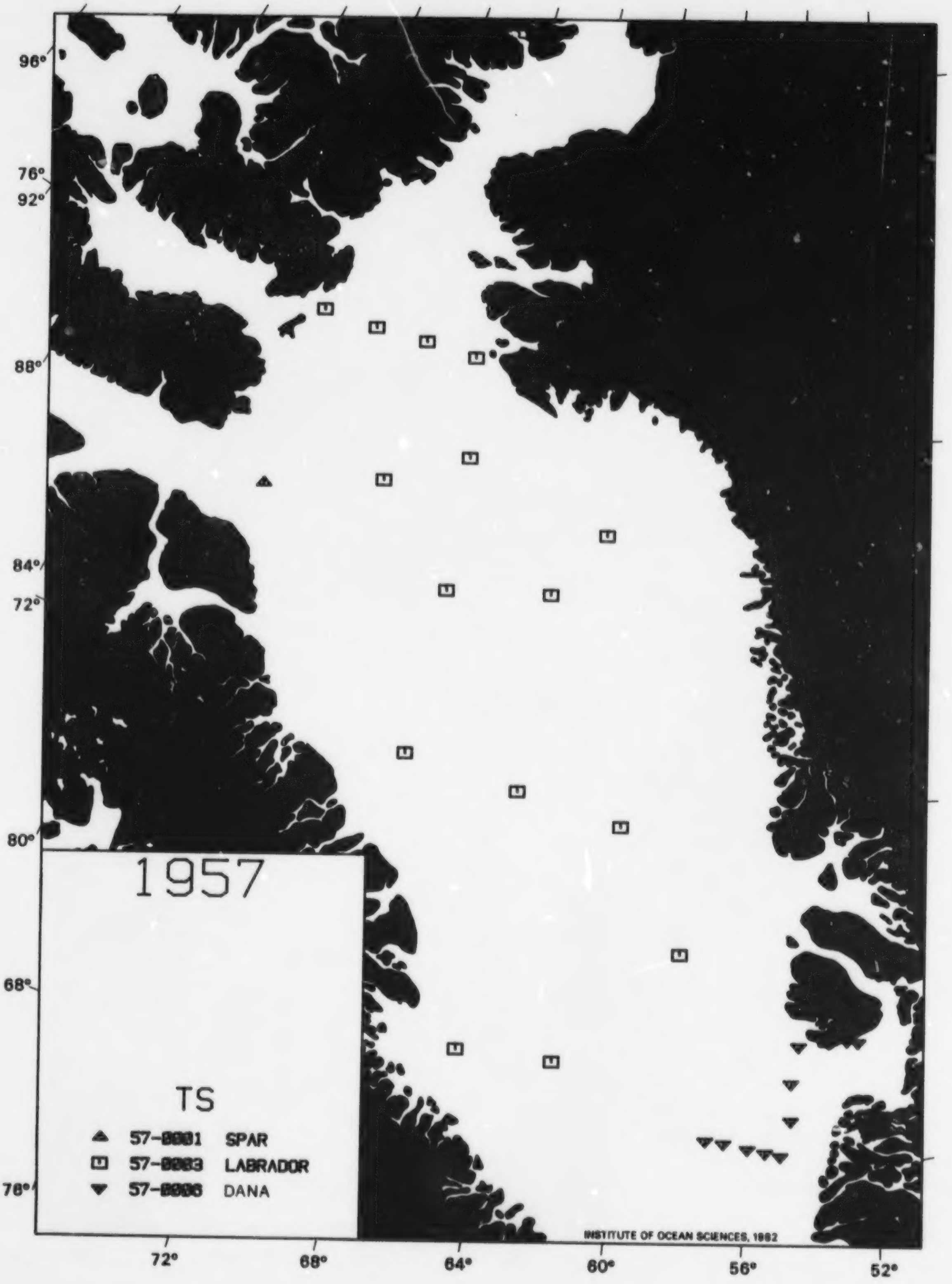
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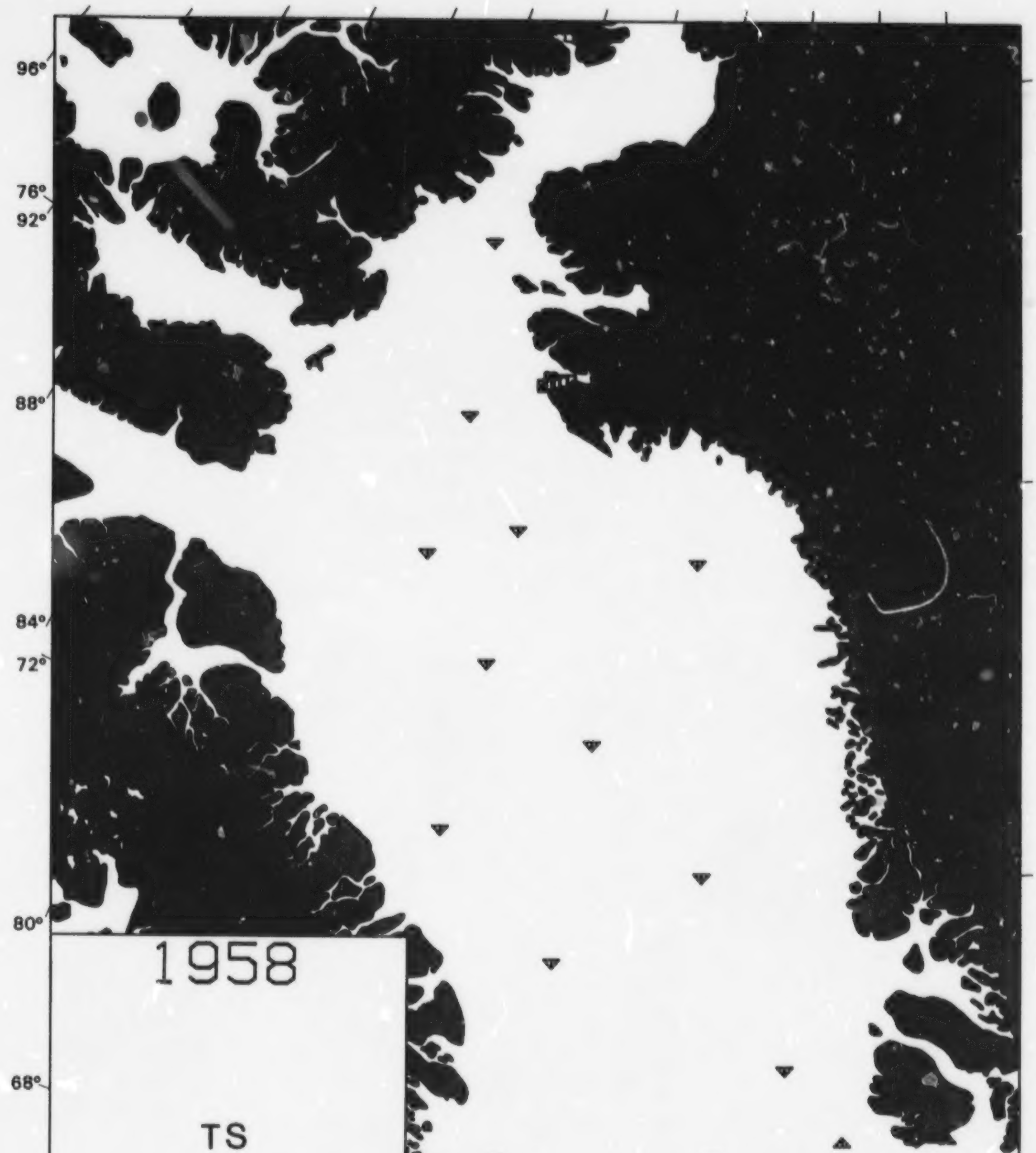
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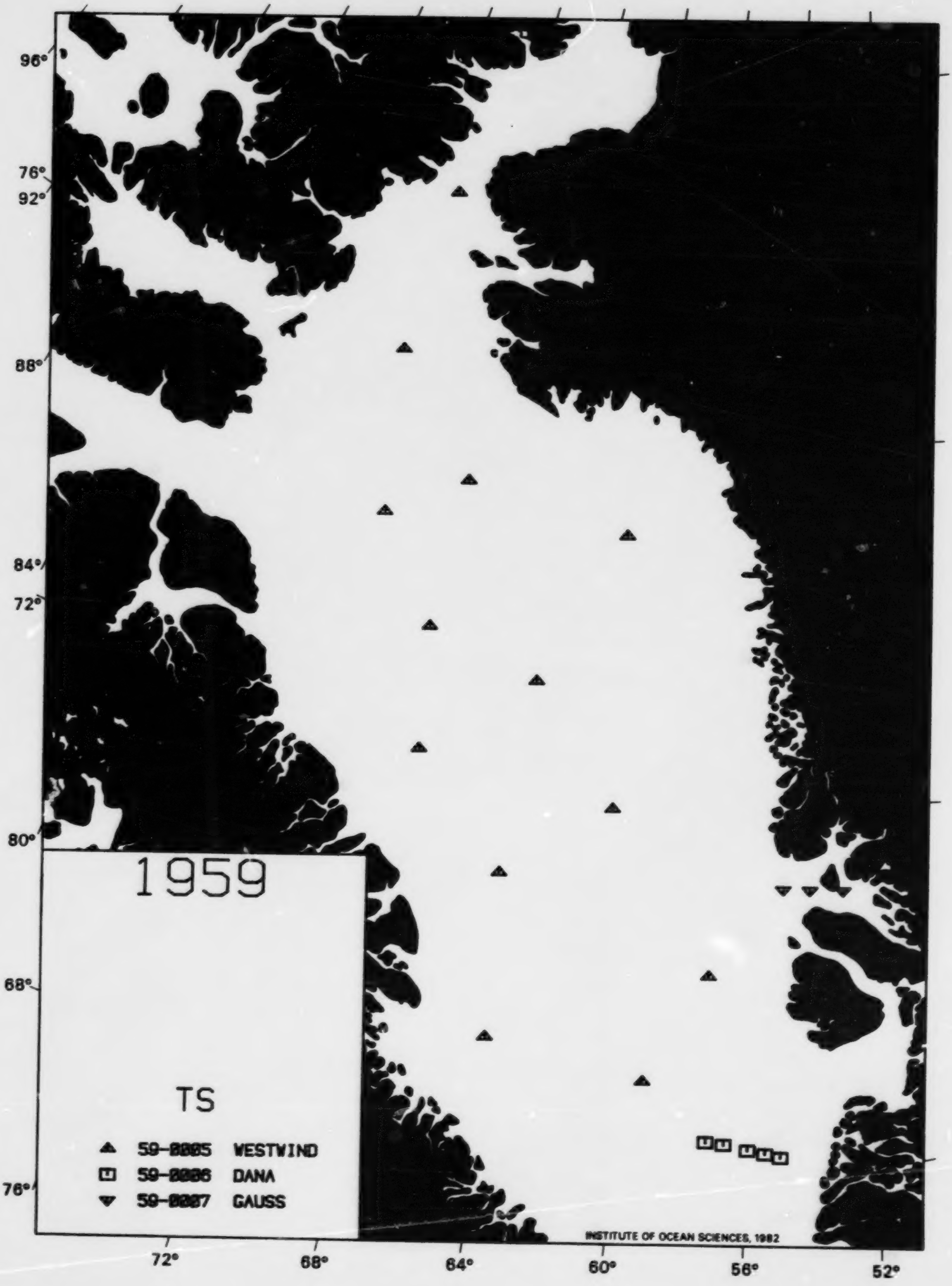
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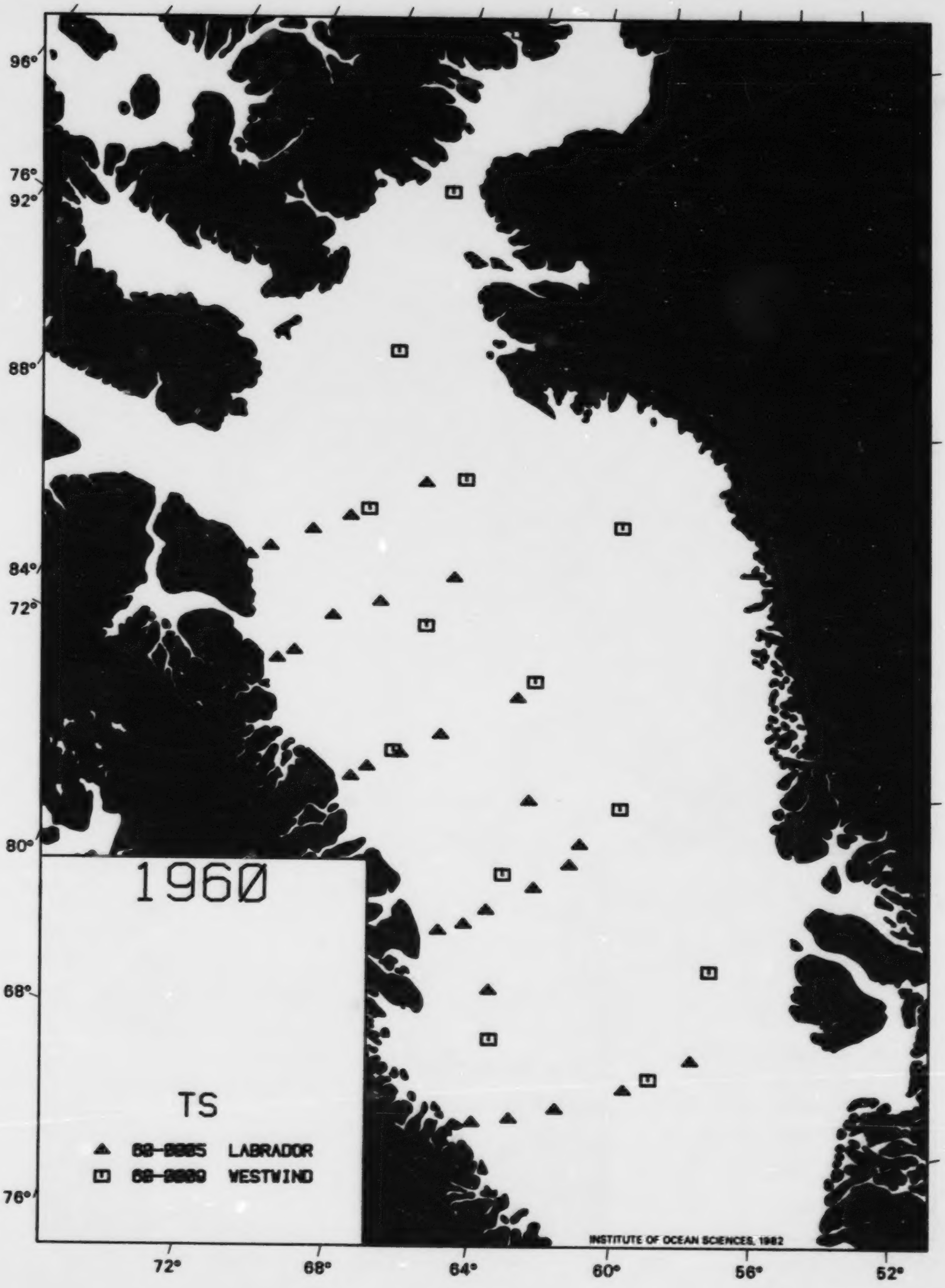
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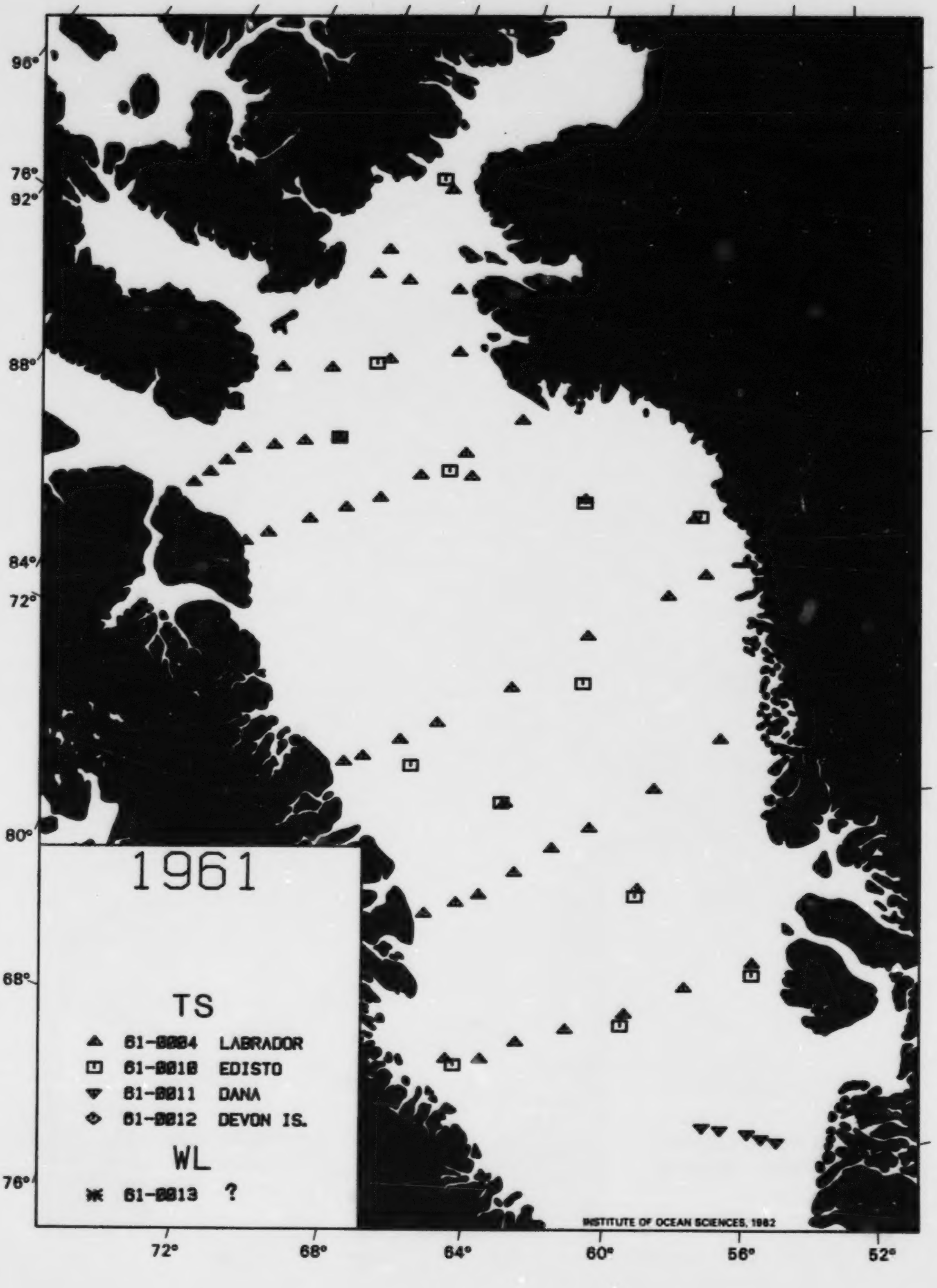
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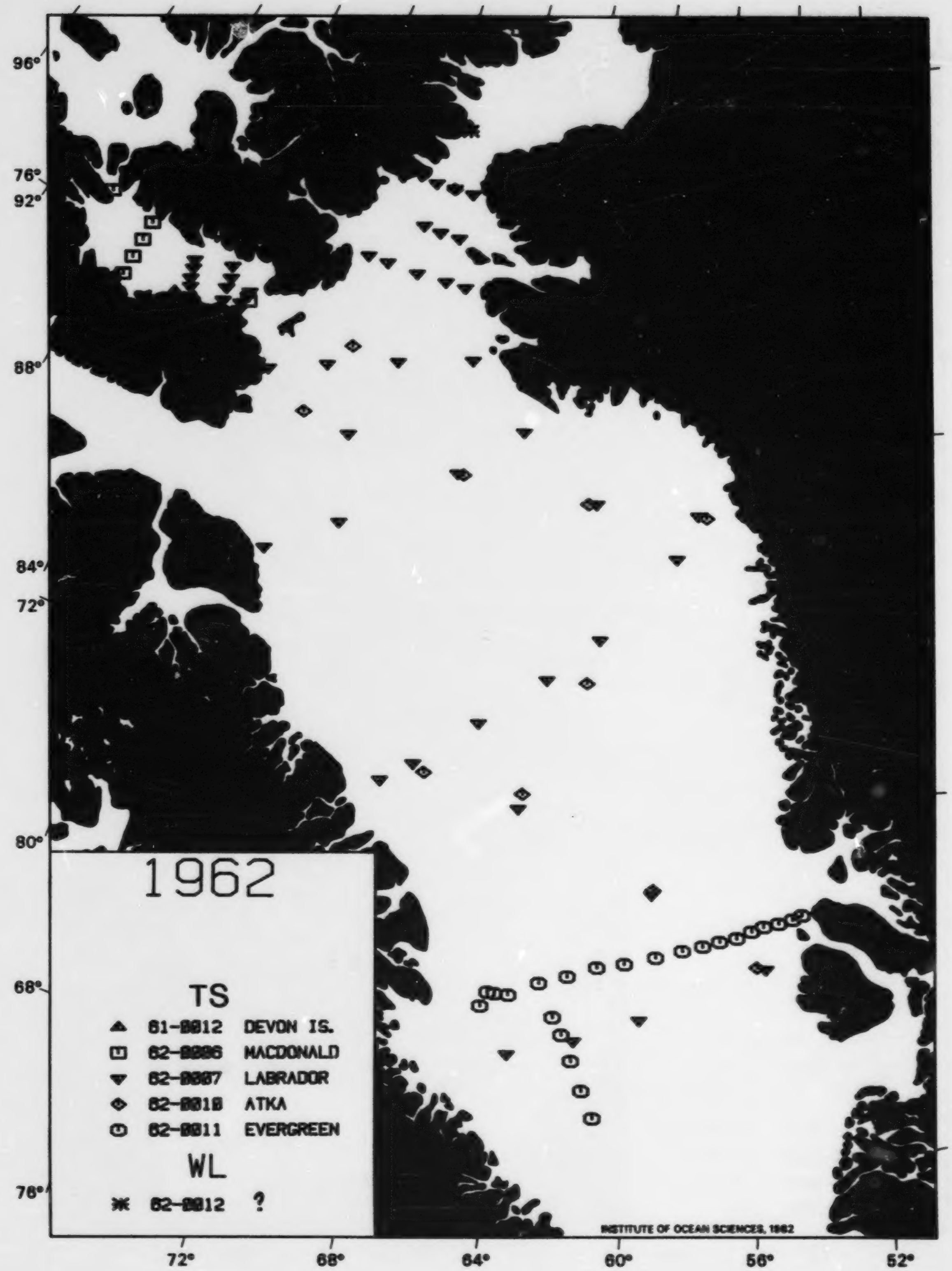
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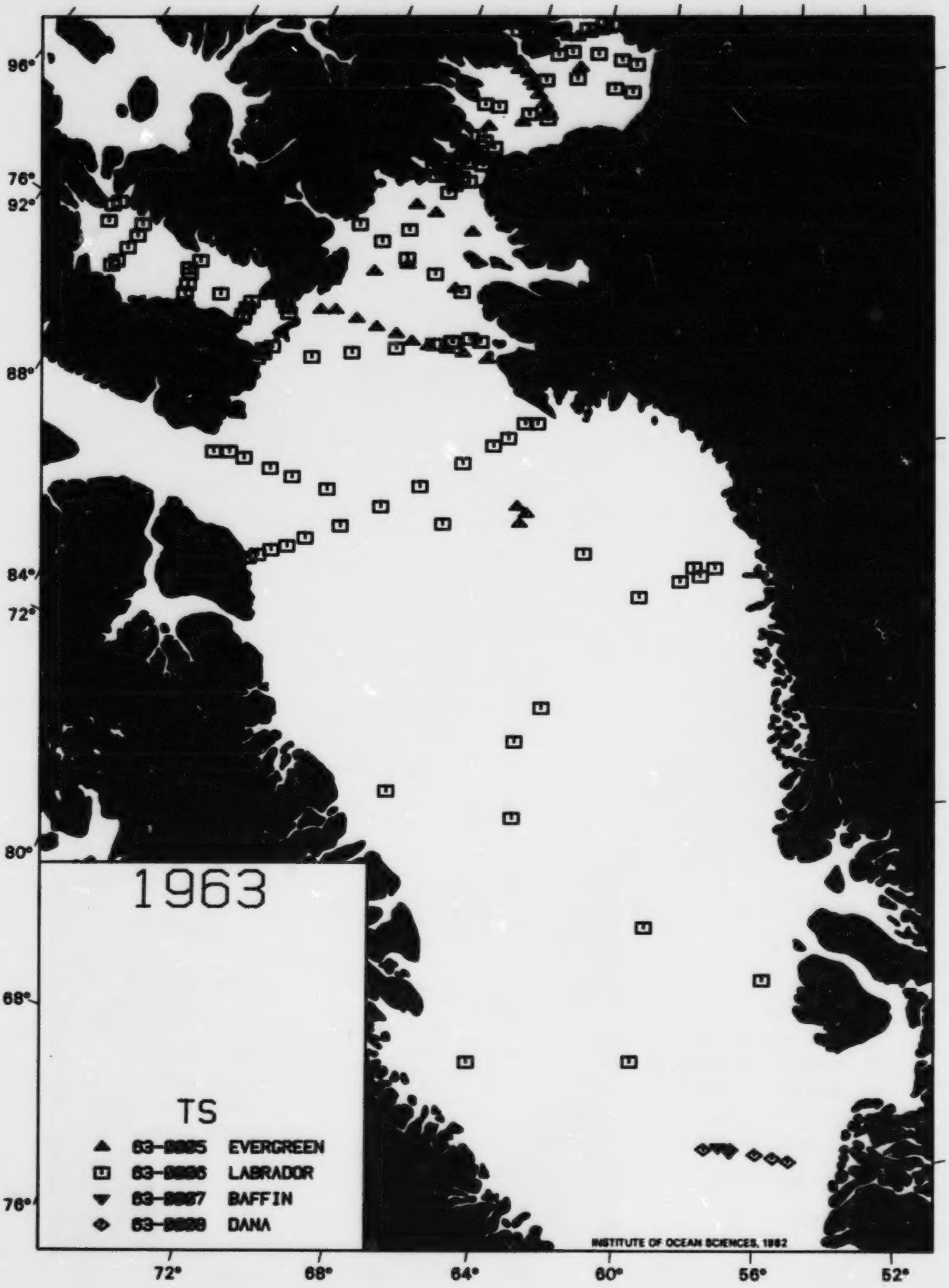
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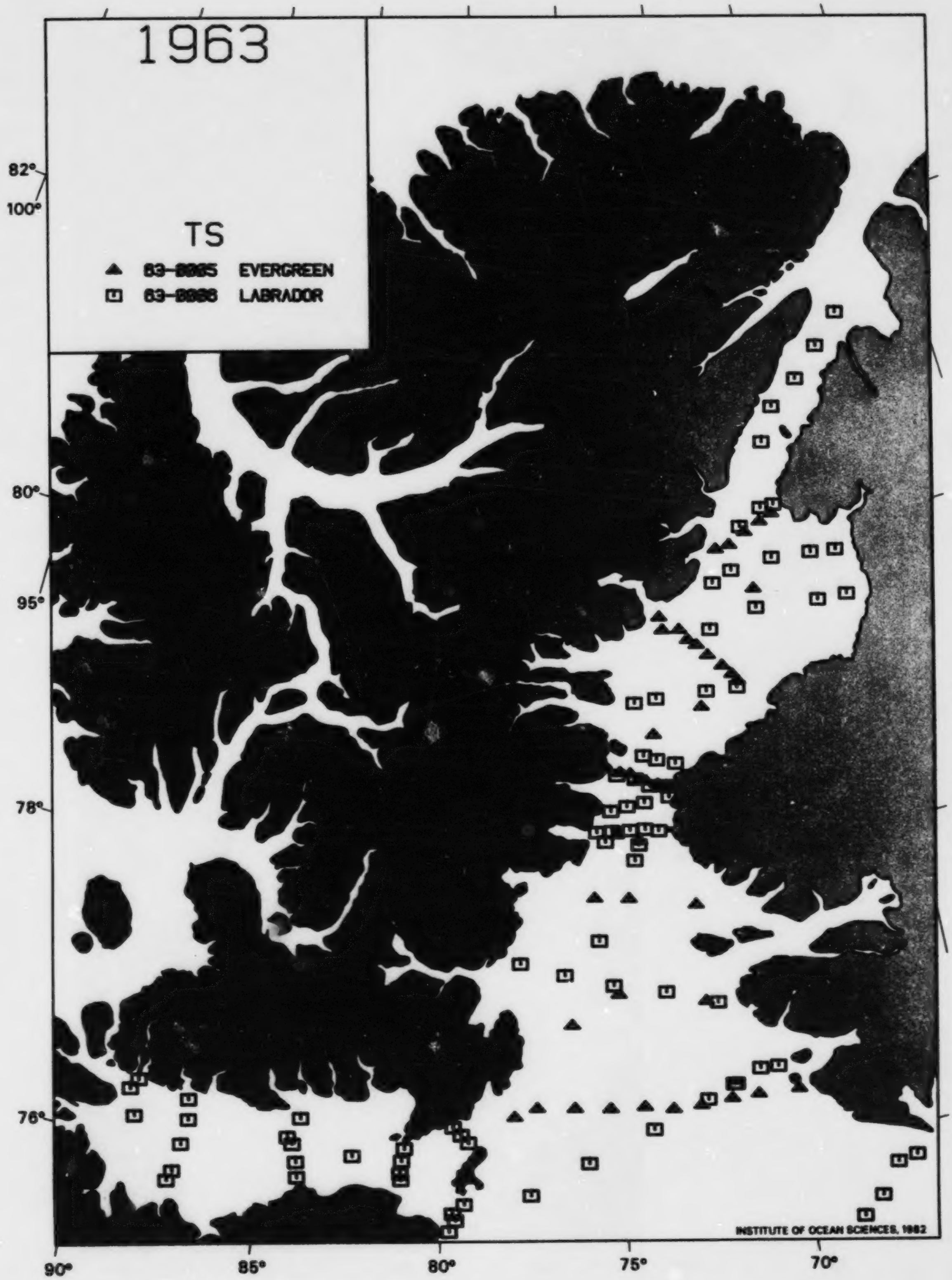
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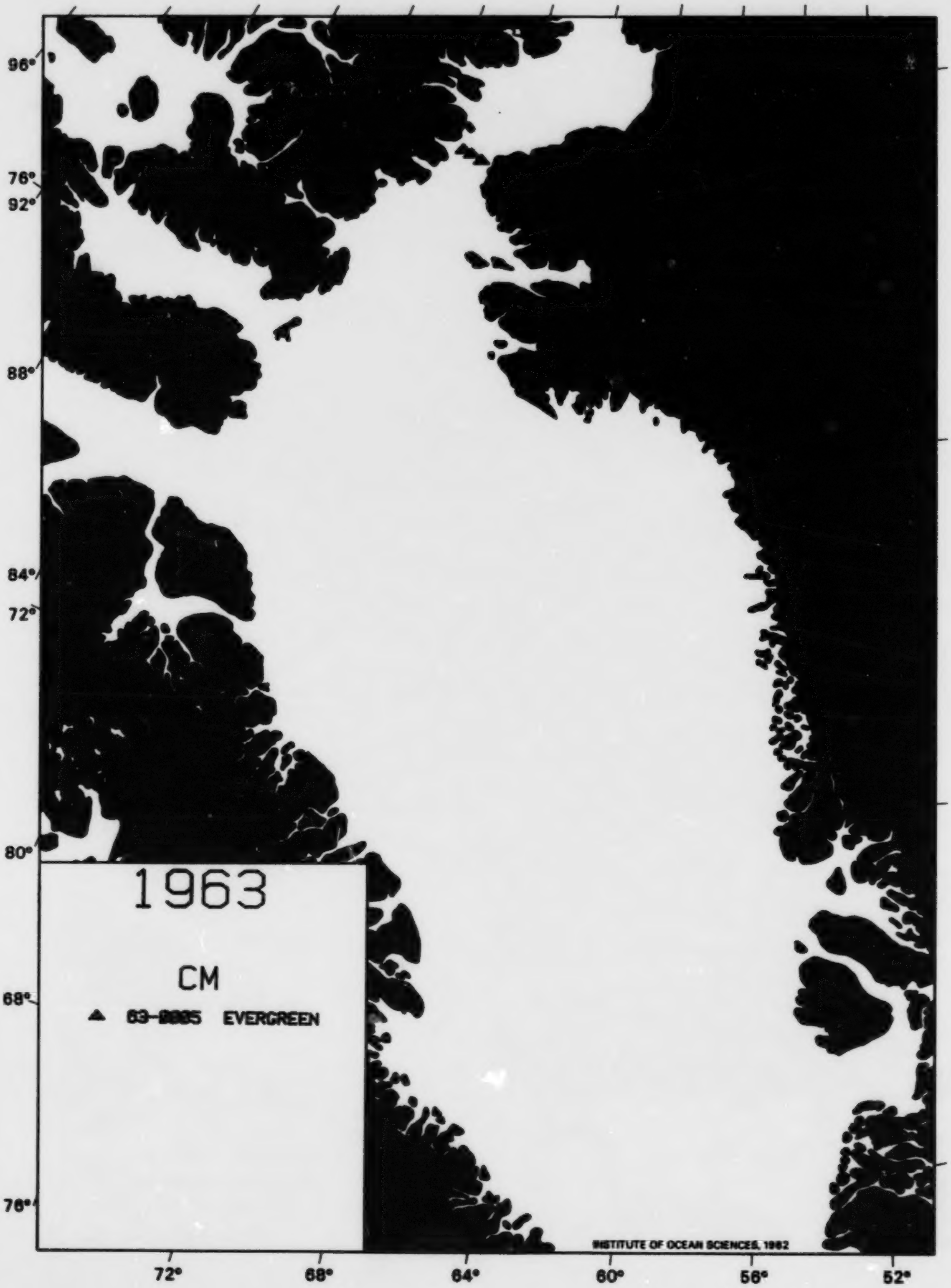
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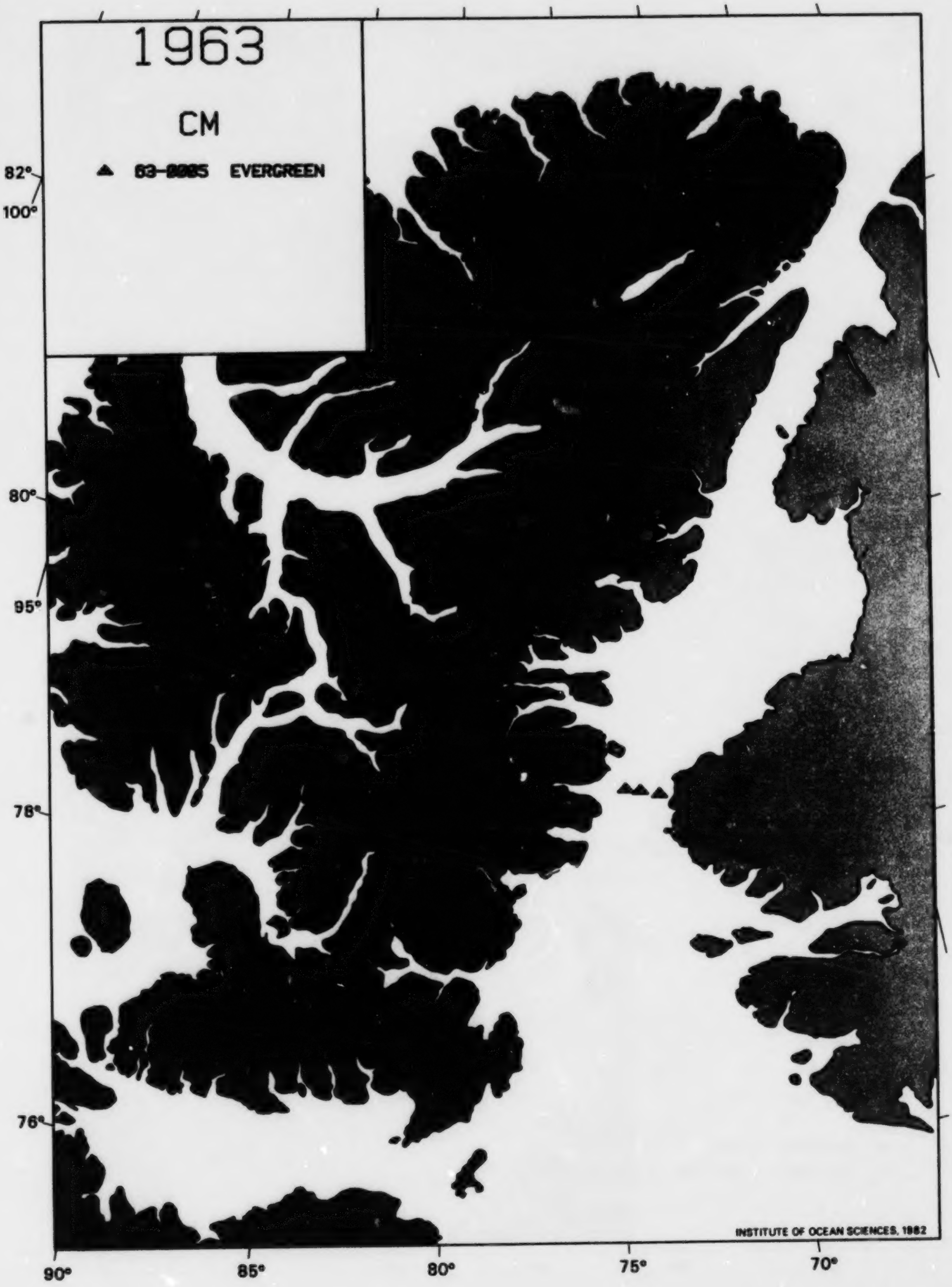
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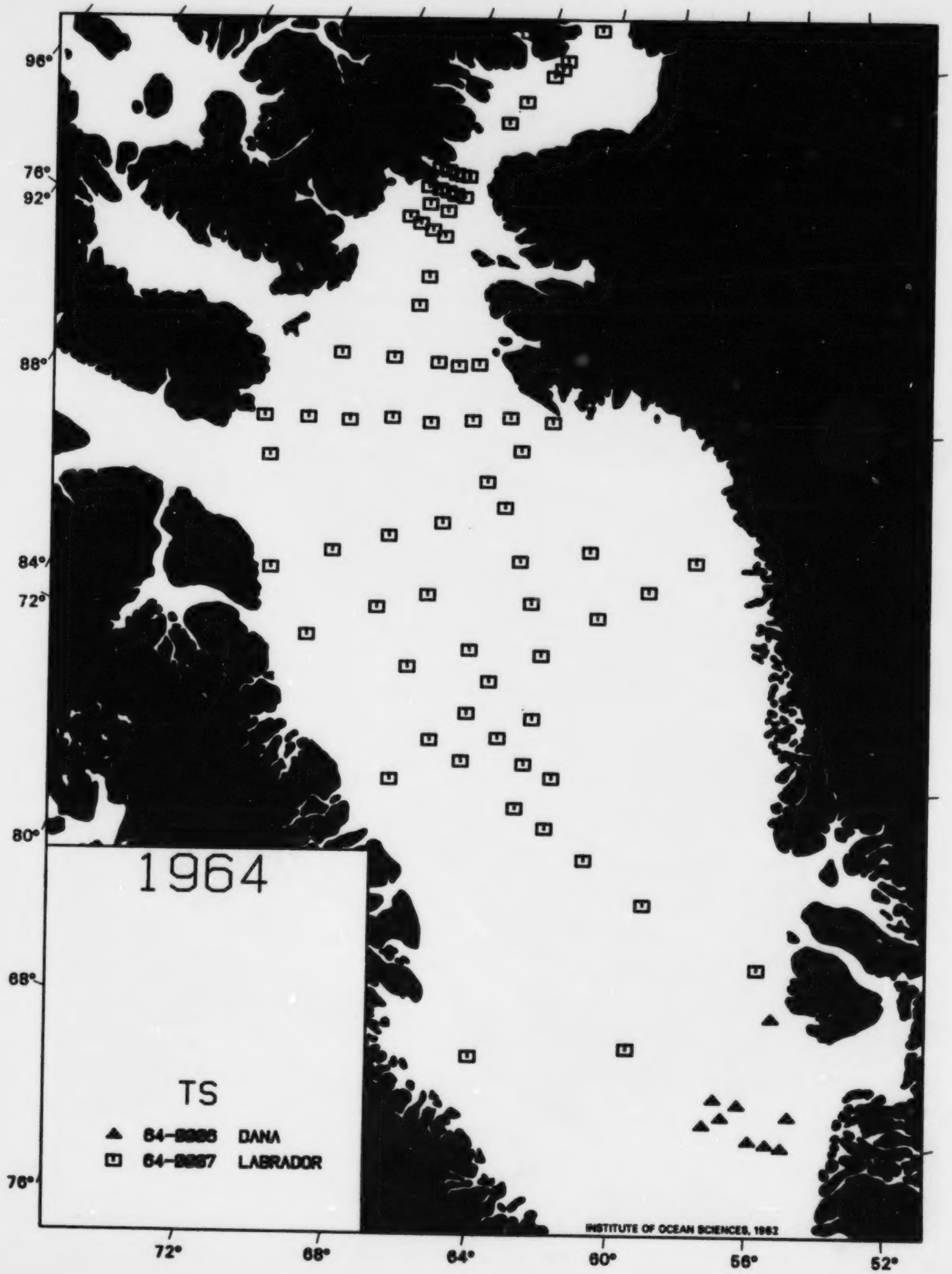
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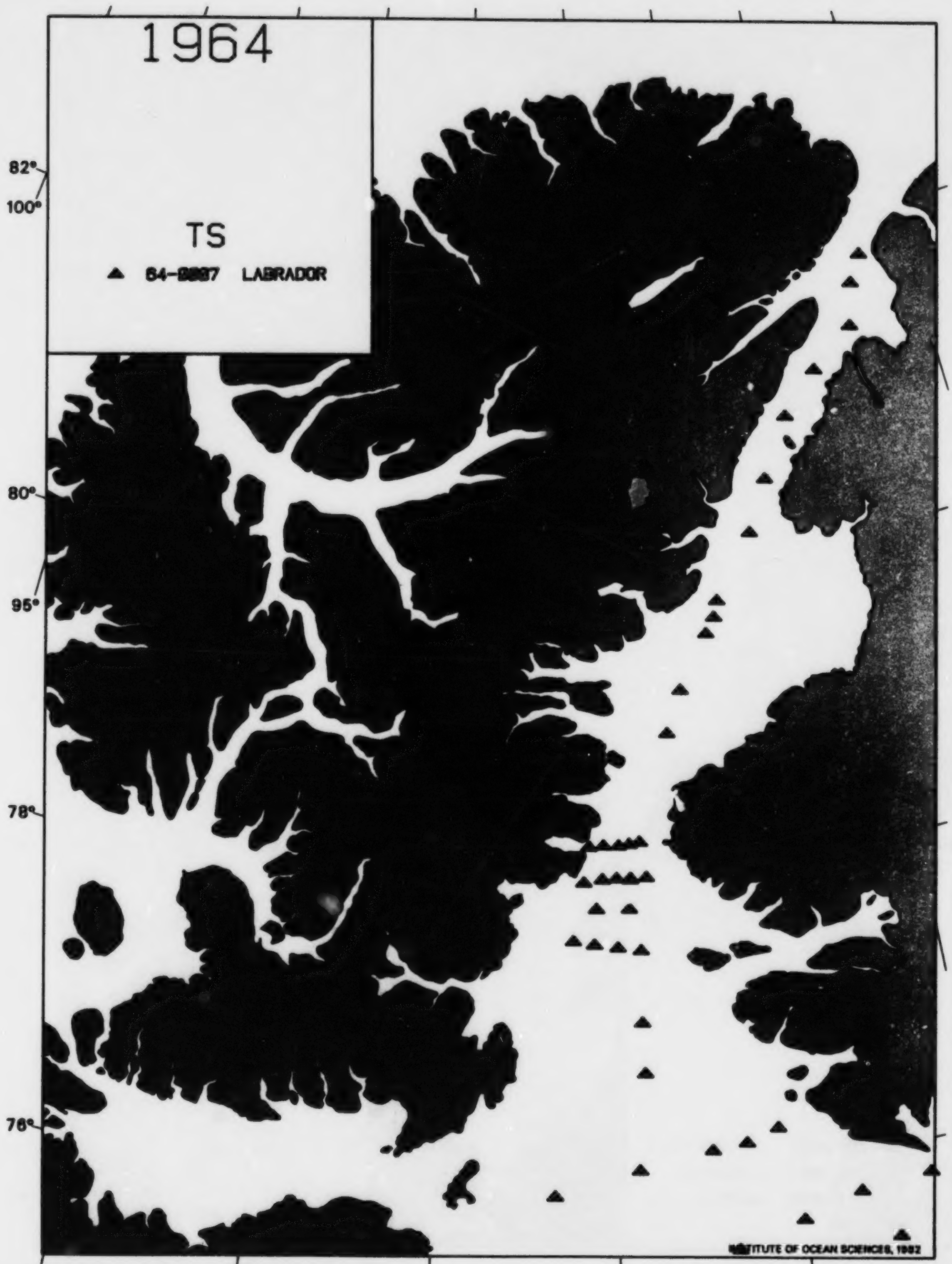
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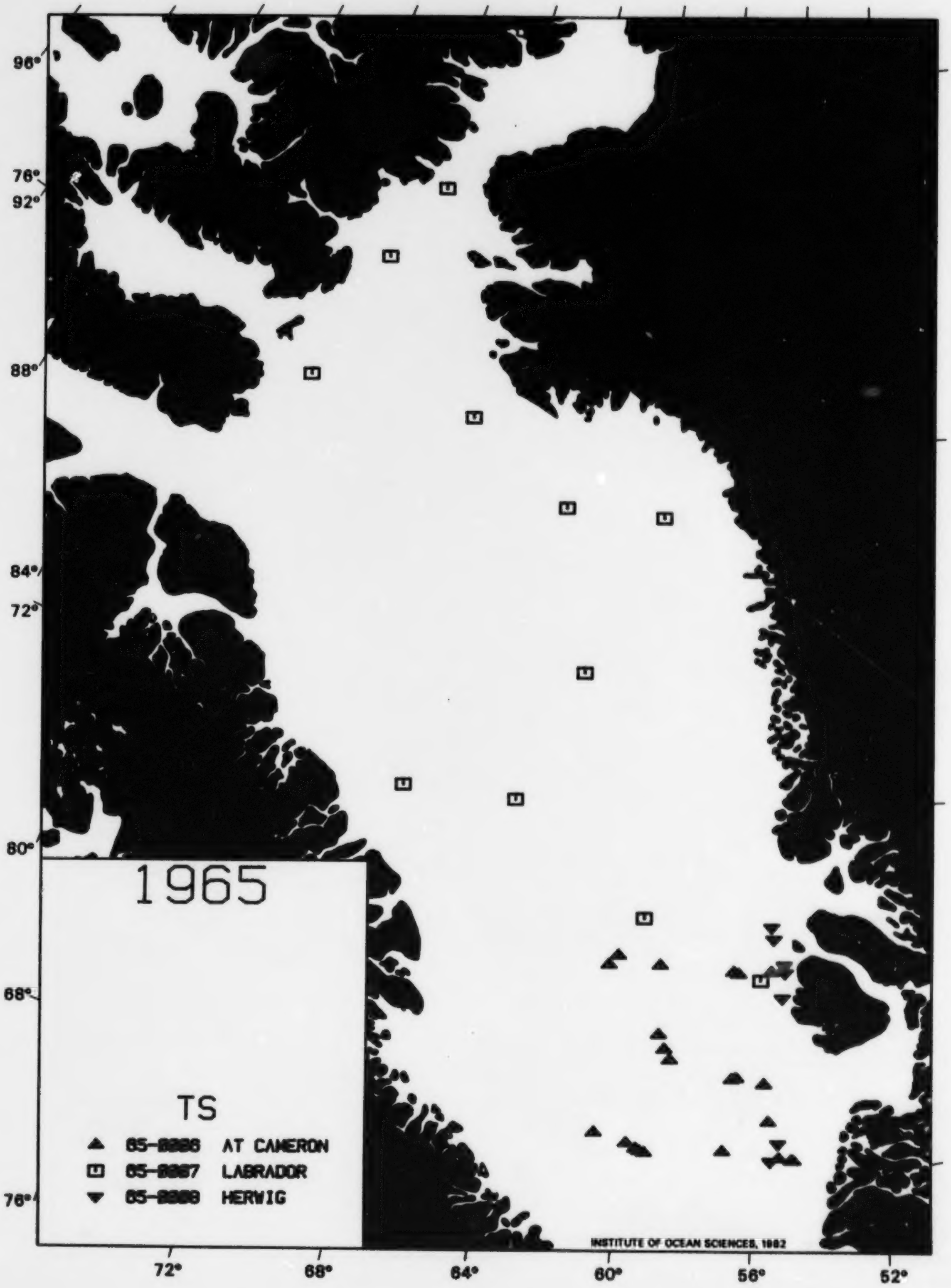
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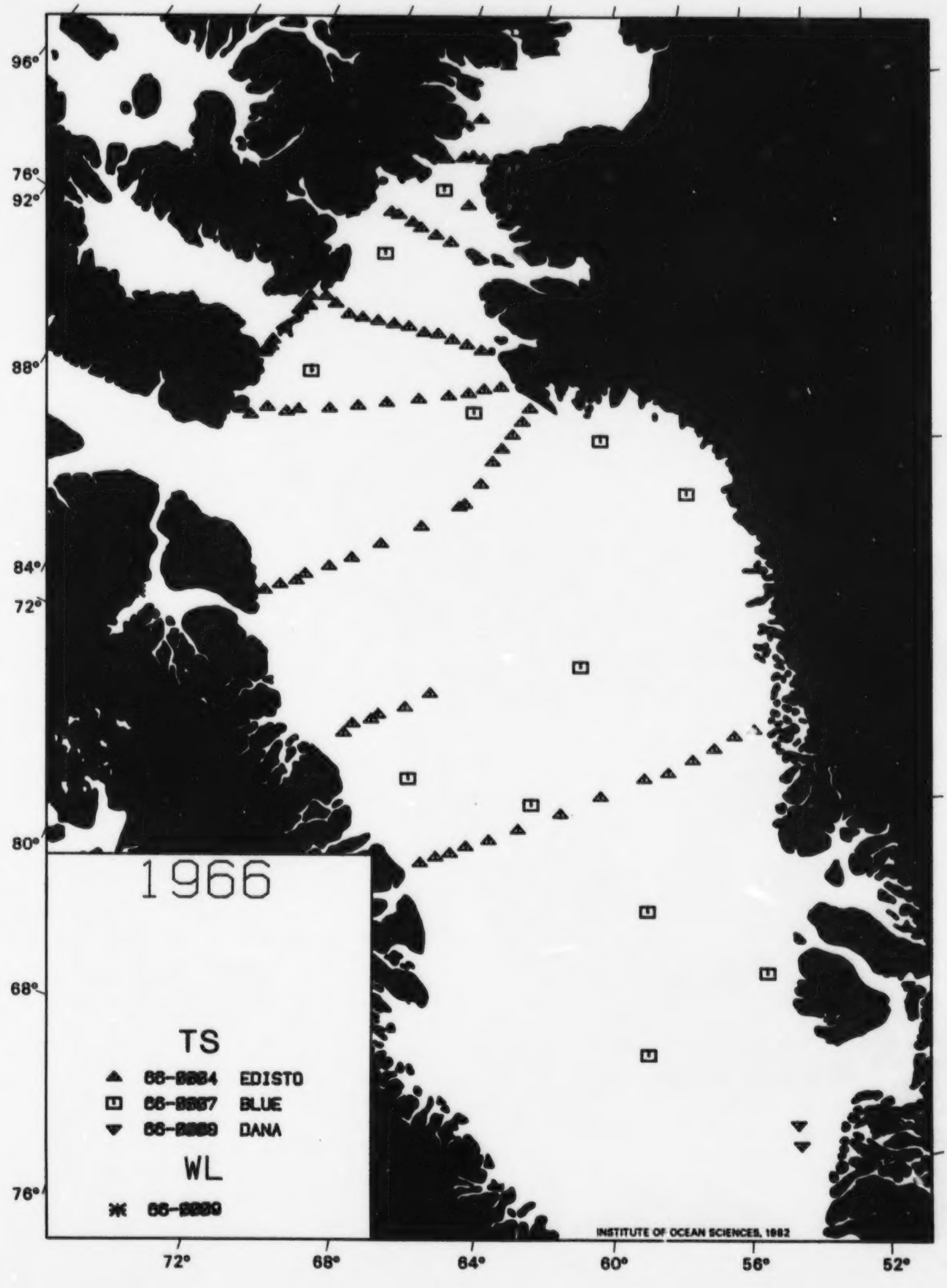
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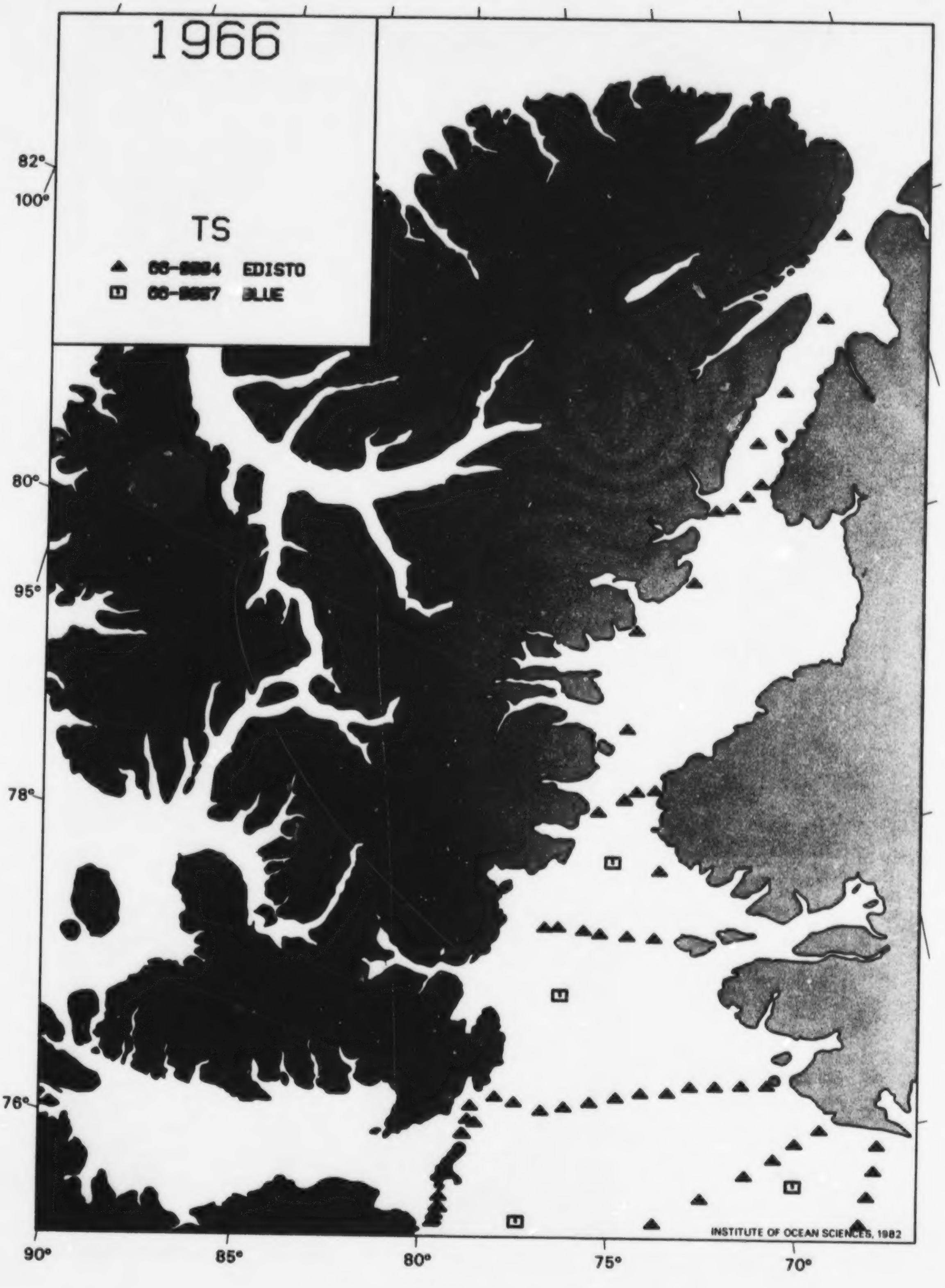
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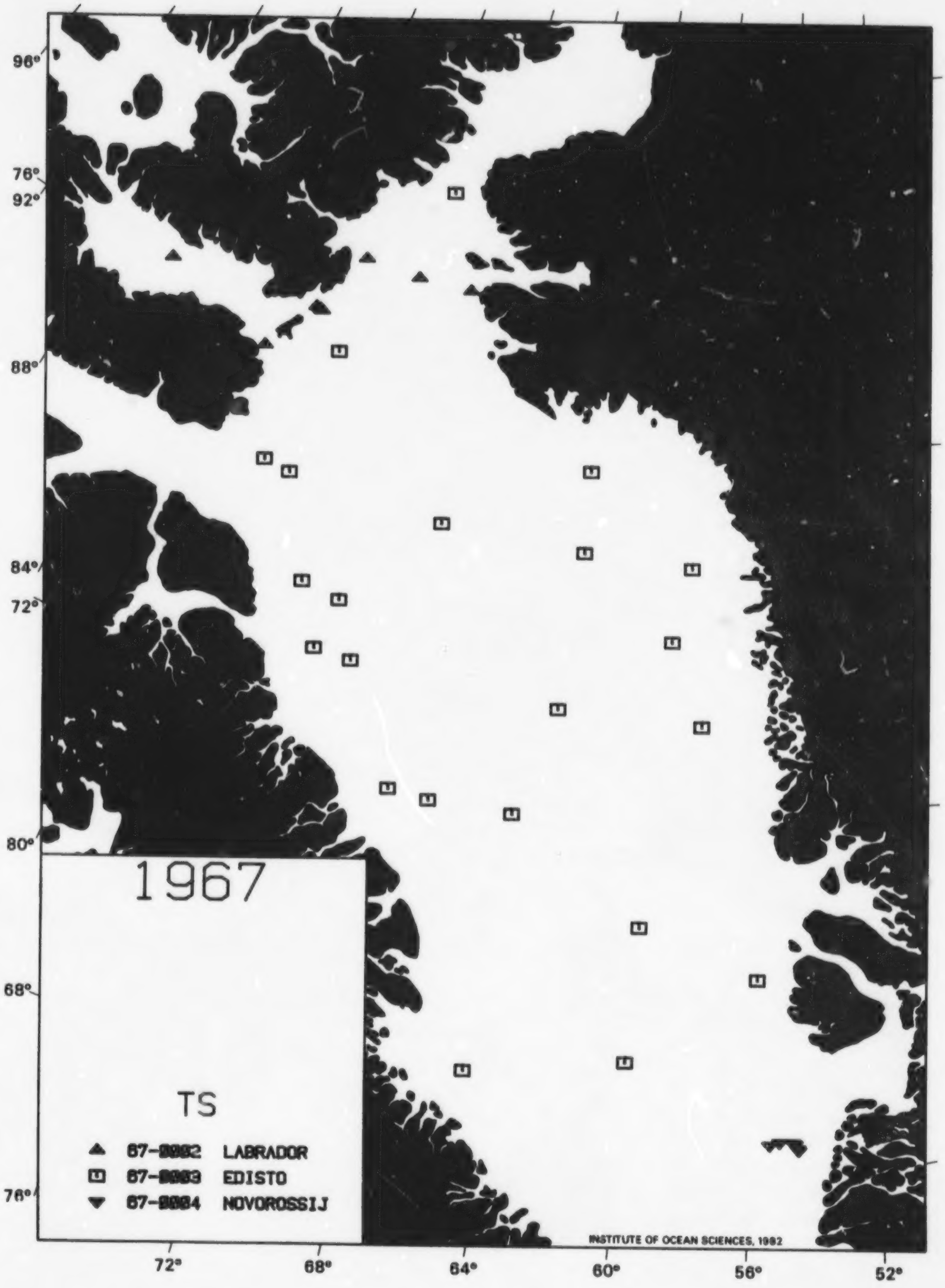
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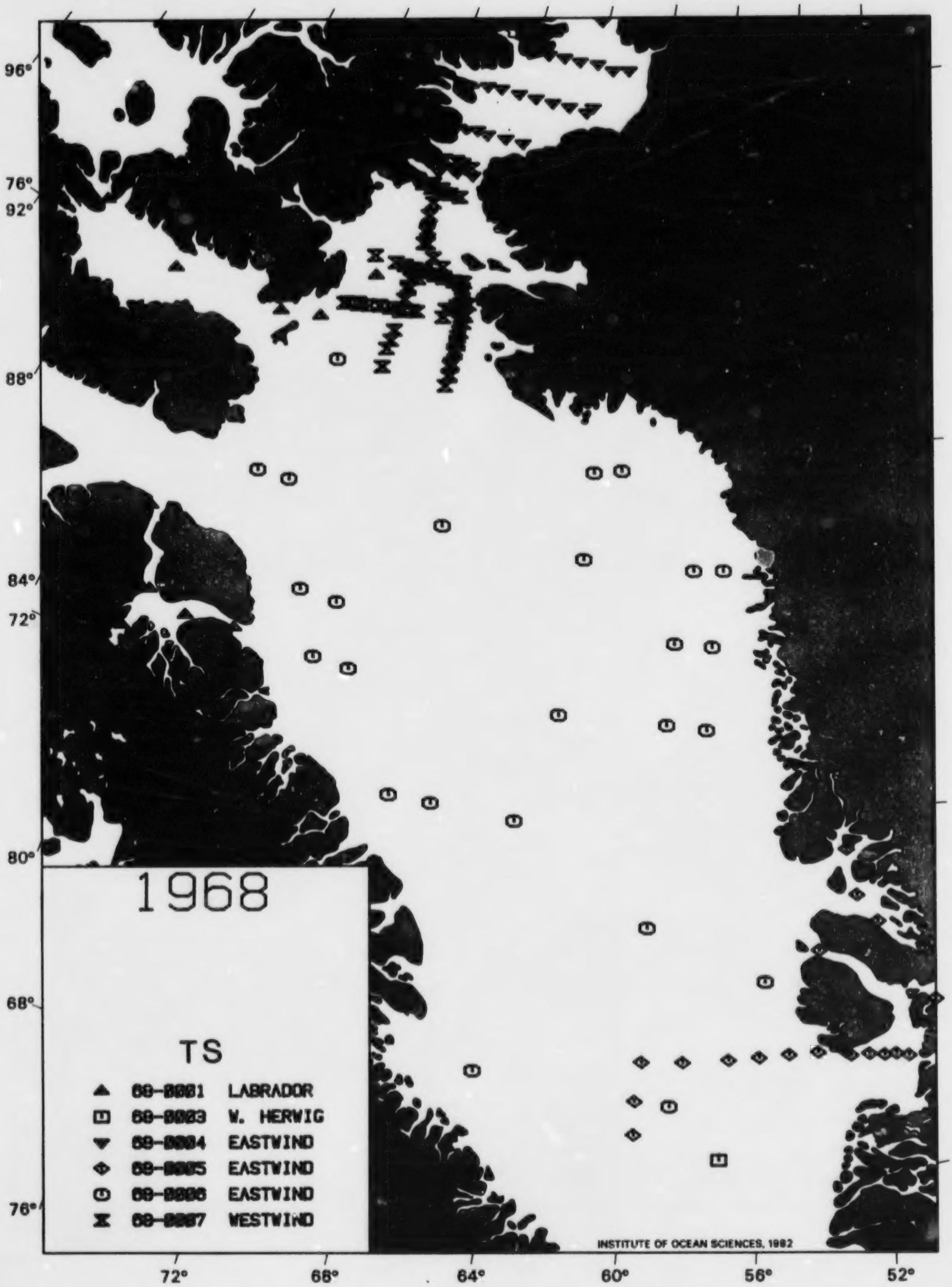
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1968
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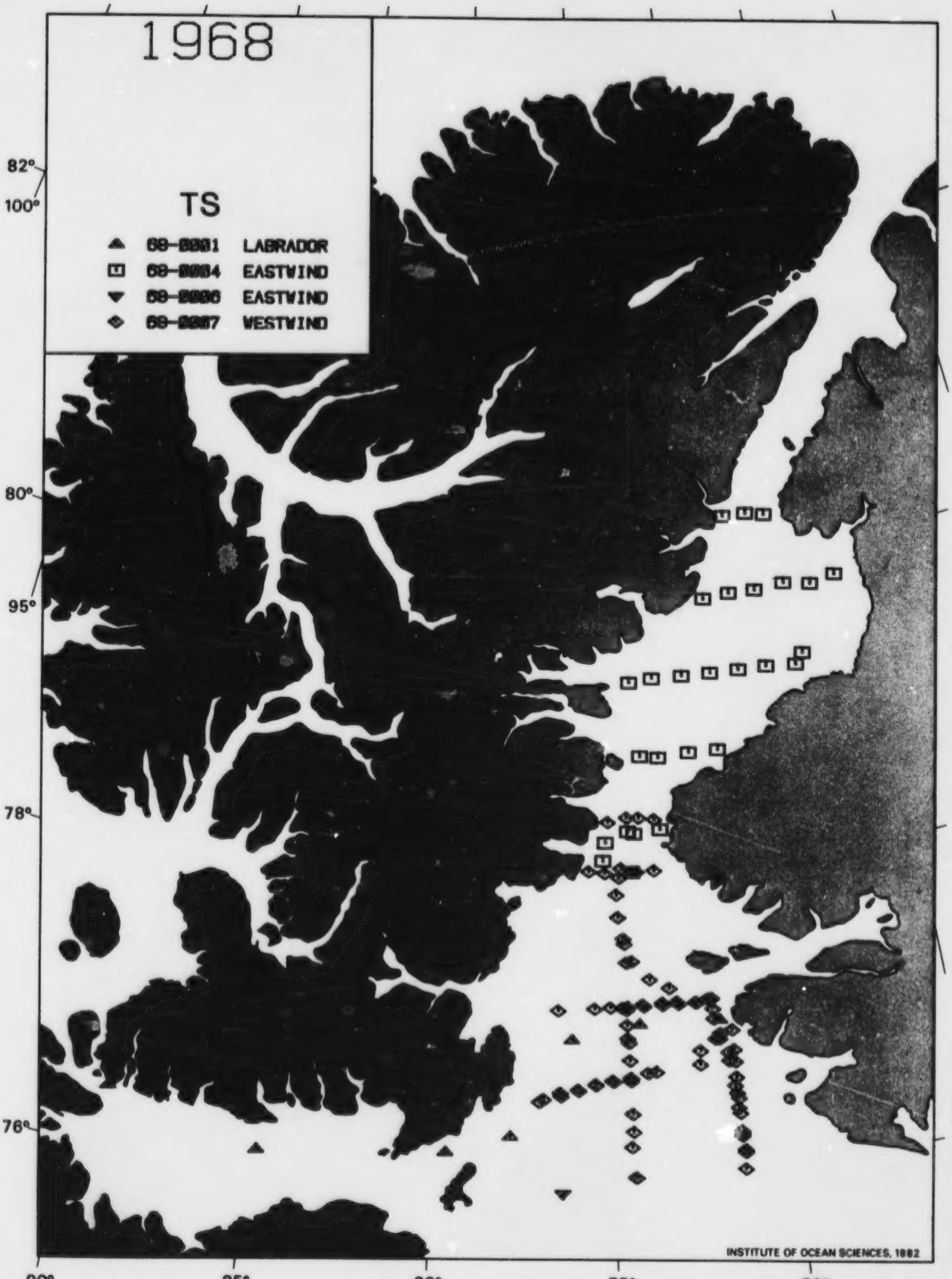
INSTITUTE OF OCEAN SCIENCES, 1982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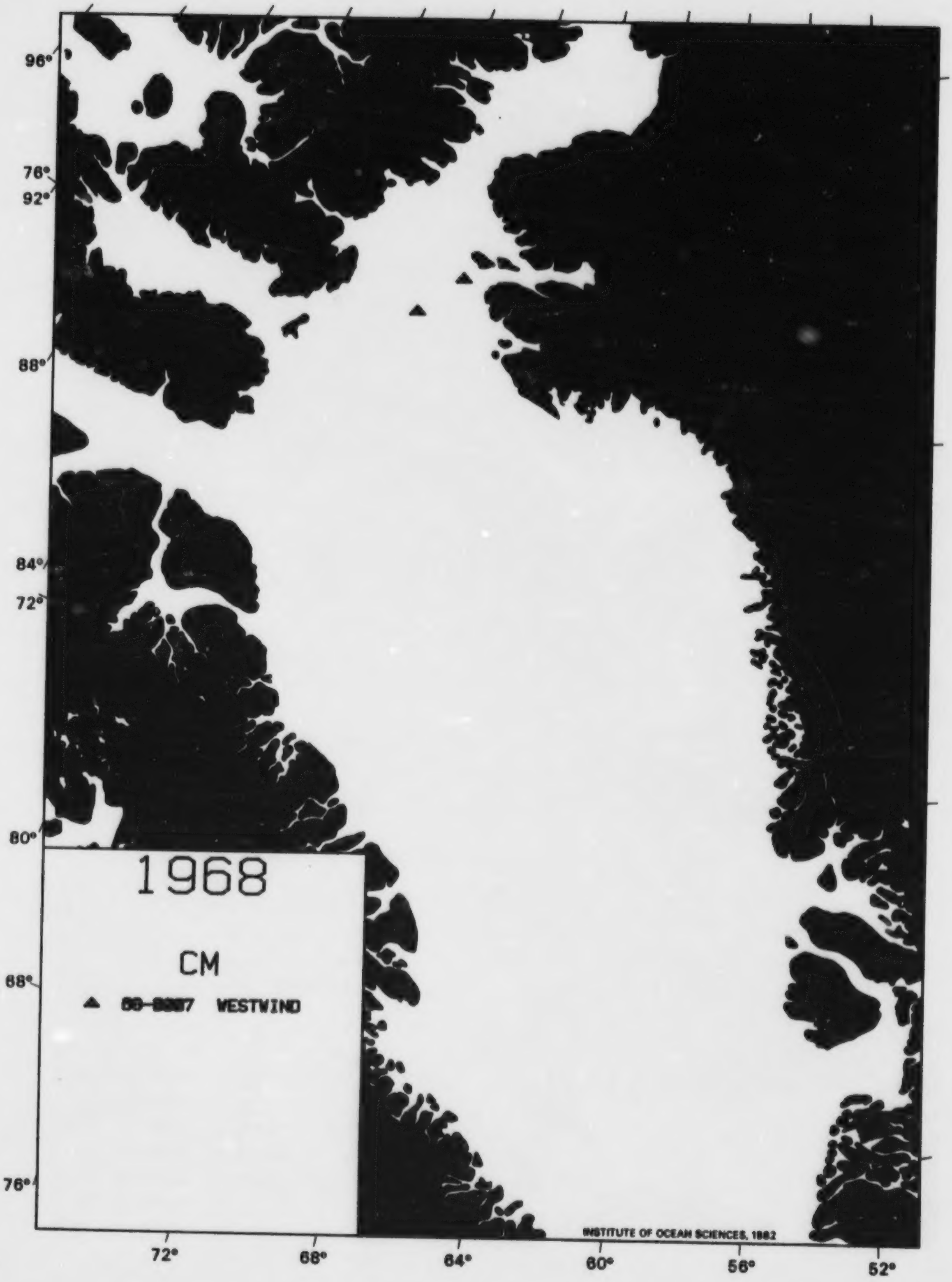
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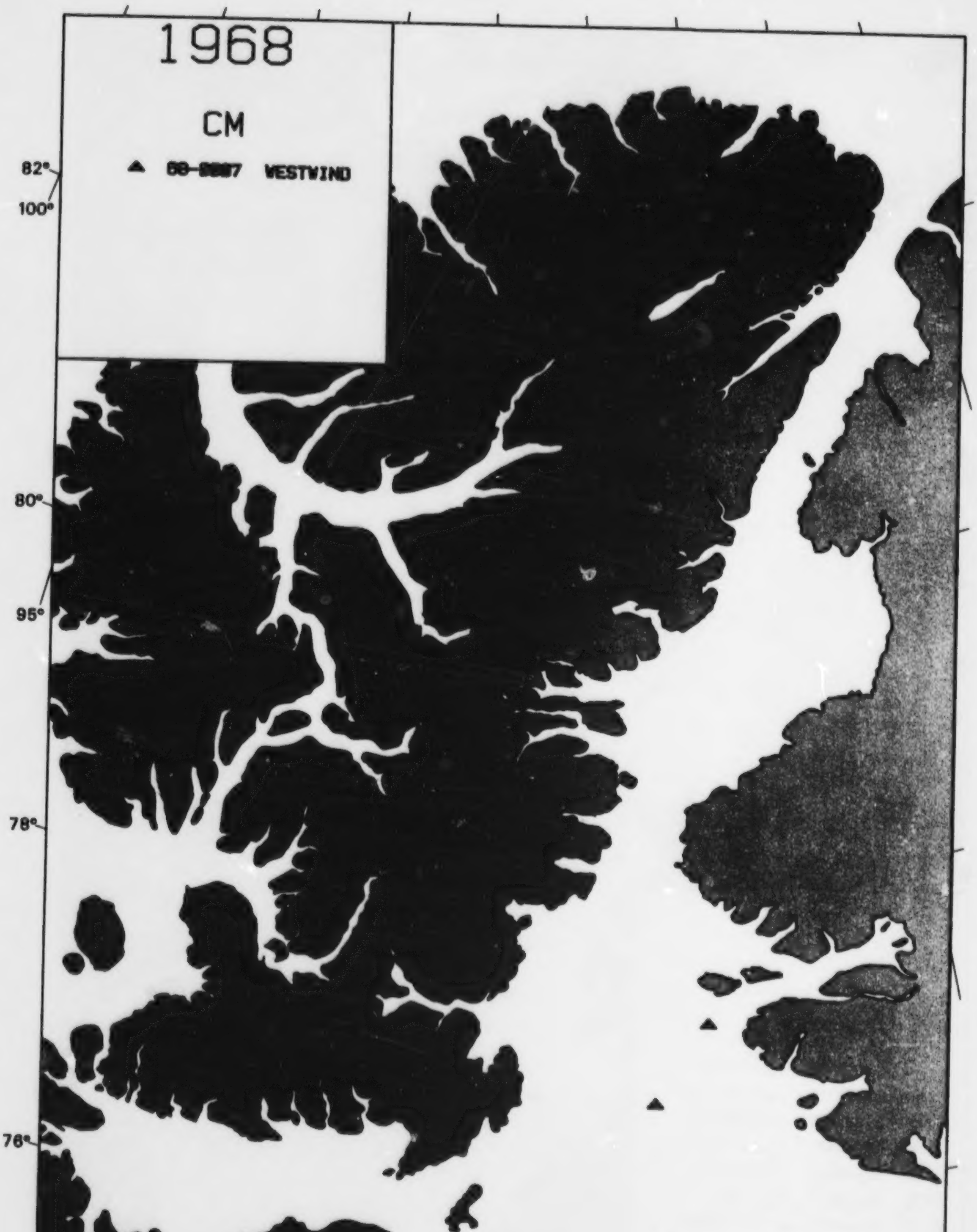
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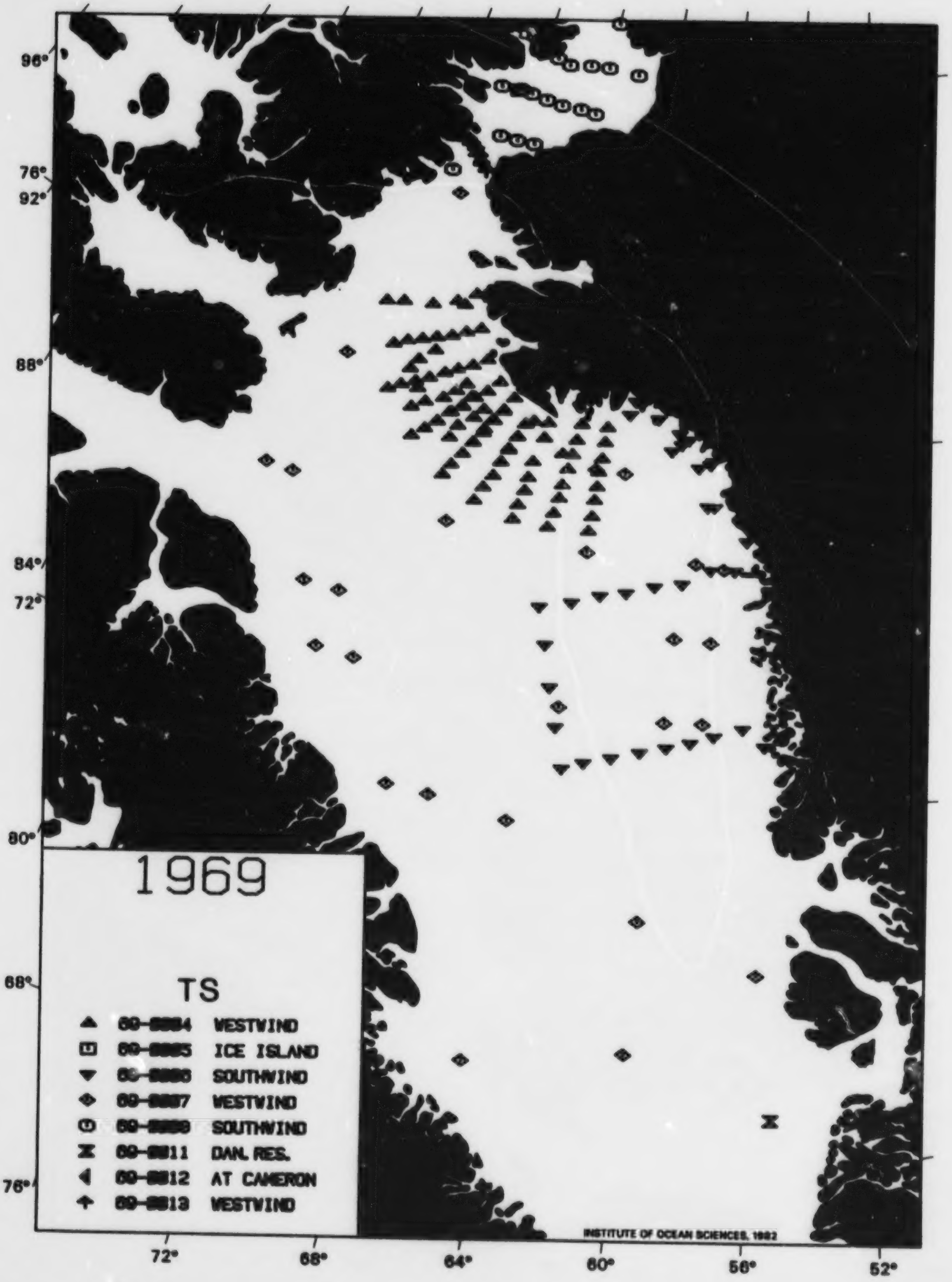
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◀ 69-0012 AT CAMERON
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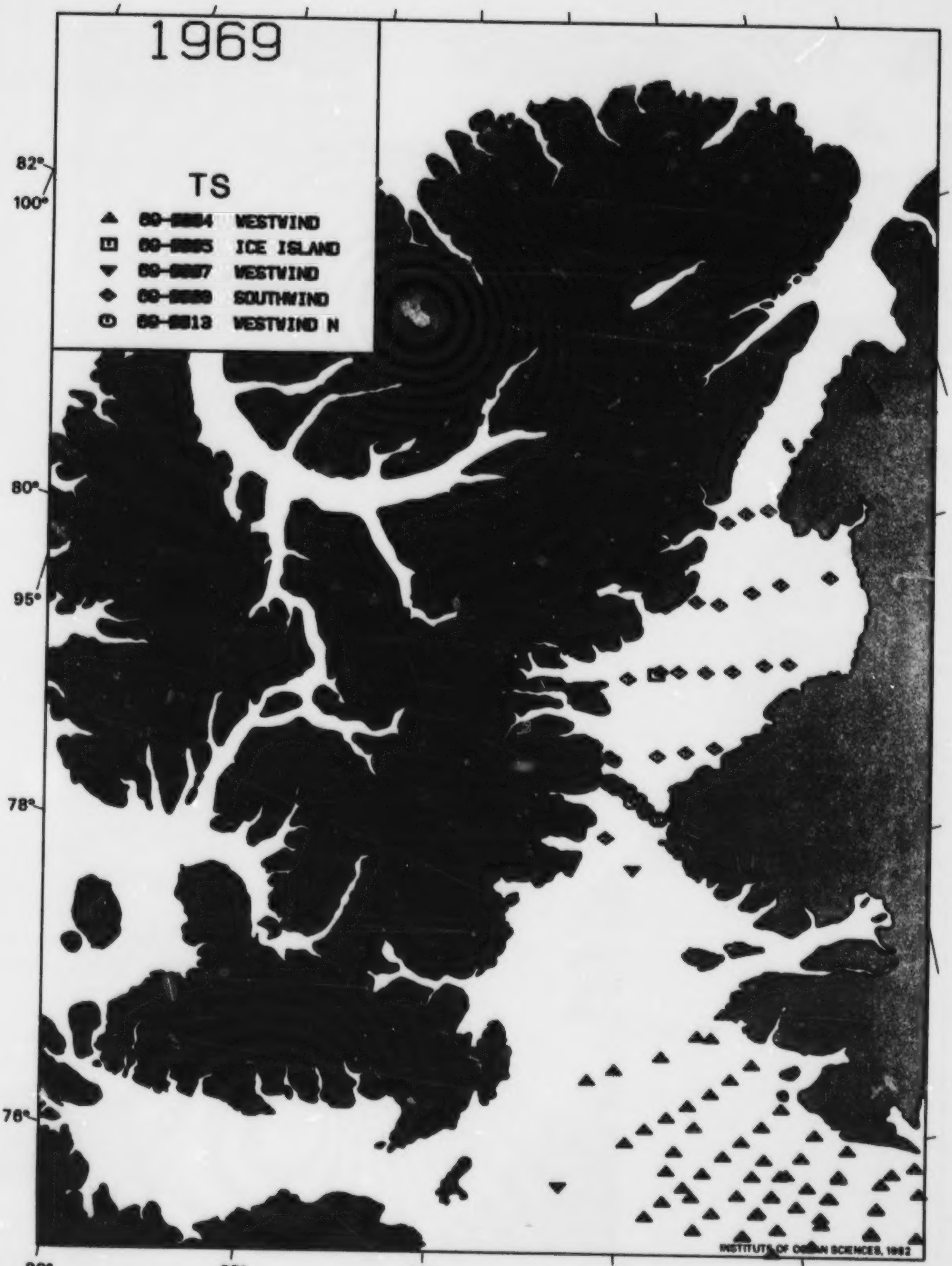
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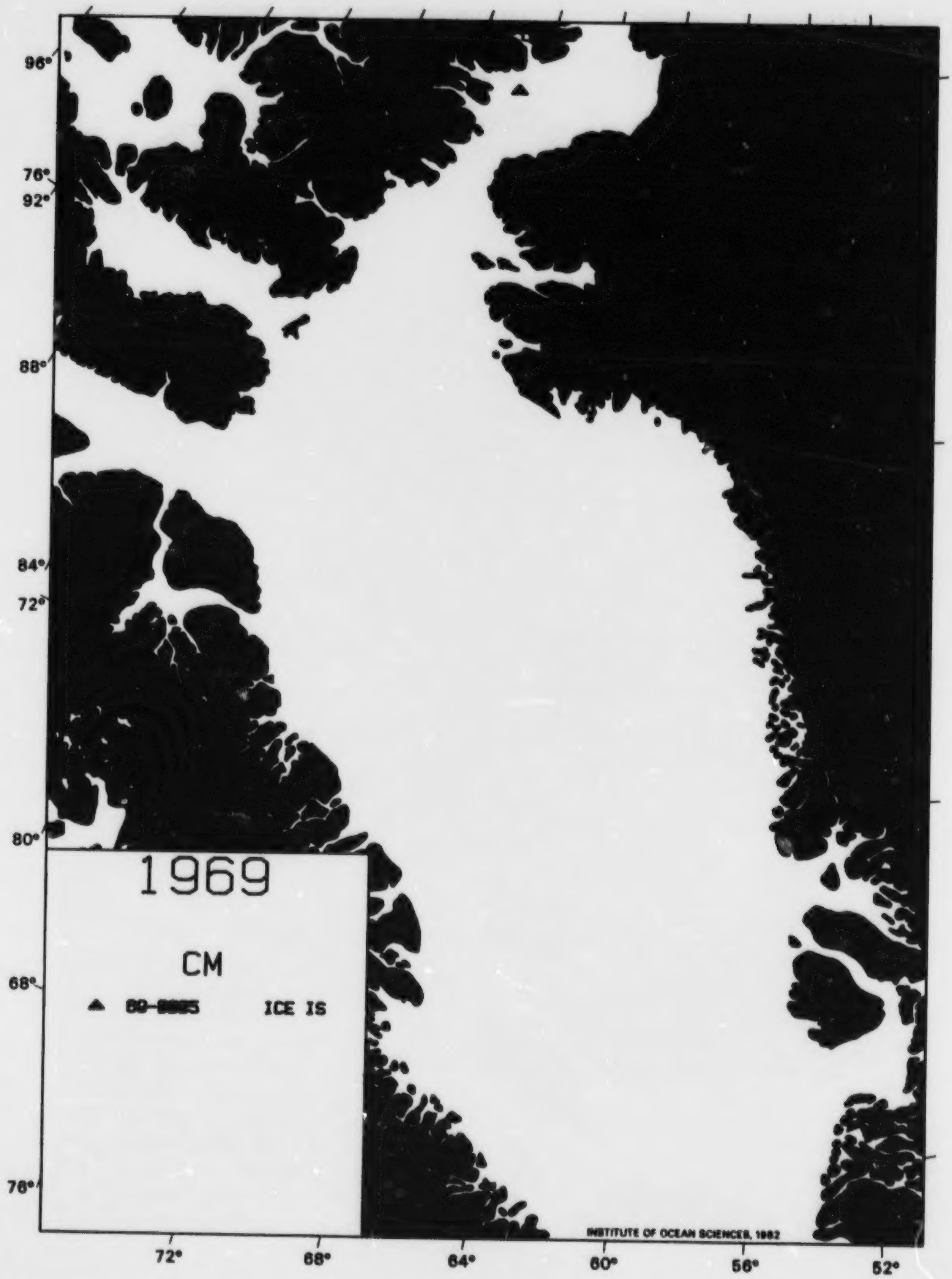
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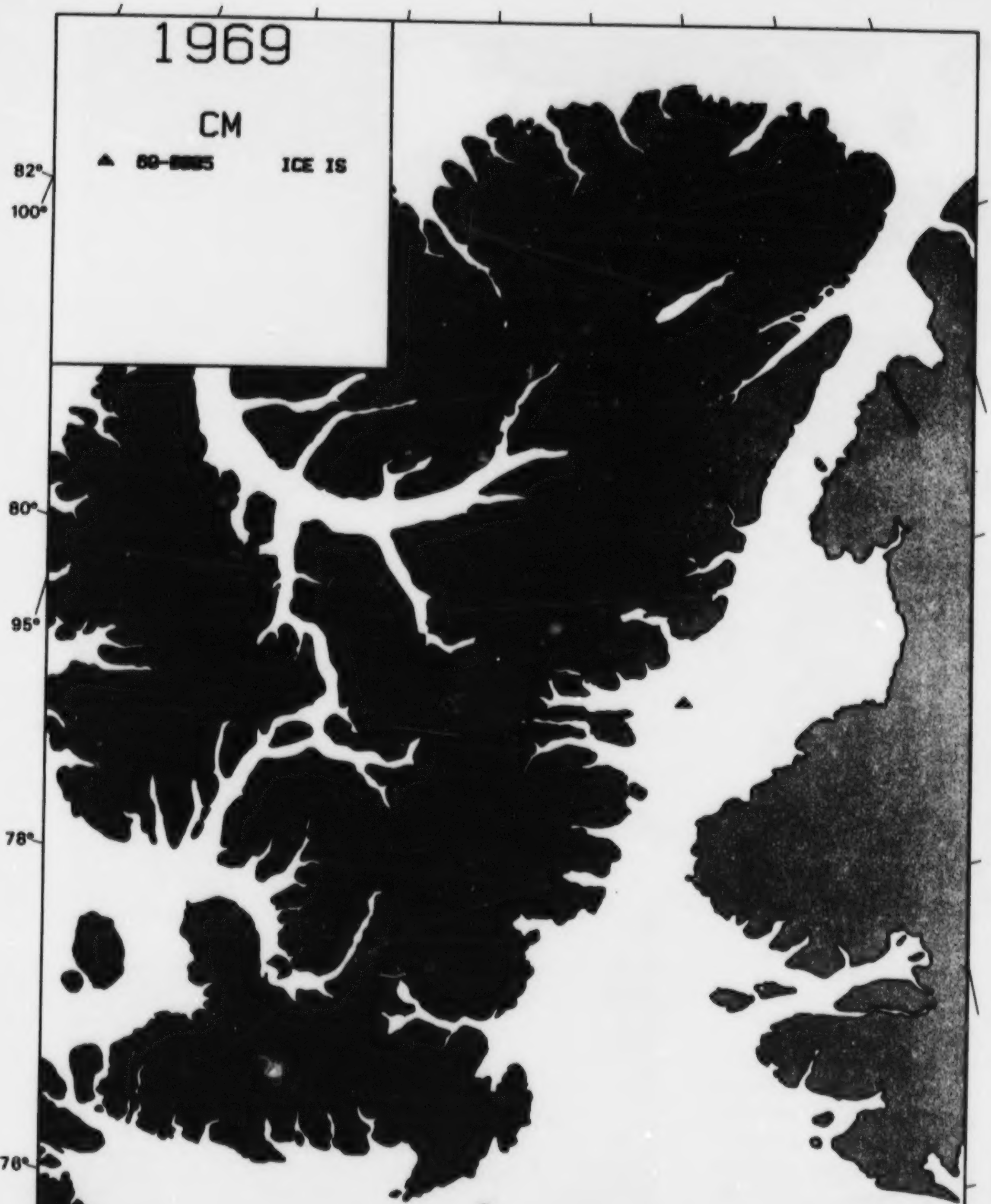
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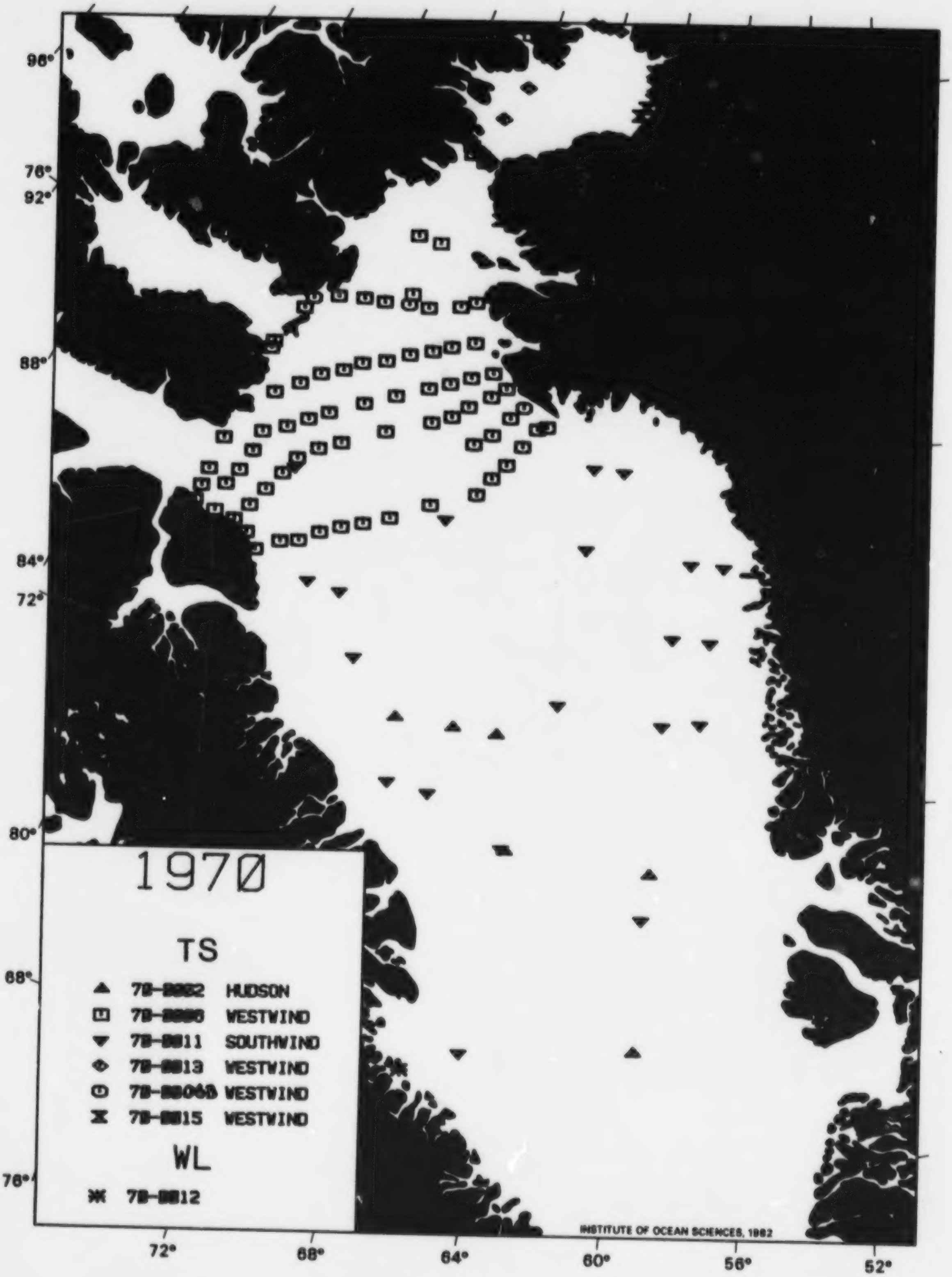
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⊙ 70-0006B WESTWIND
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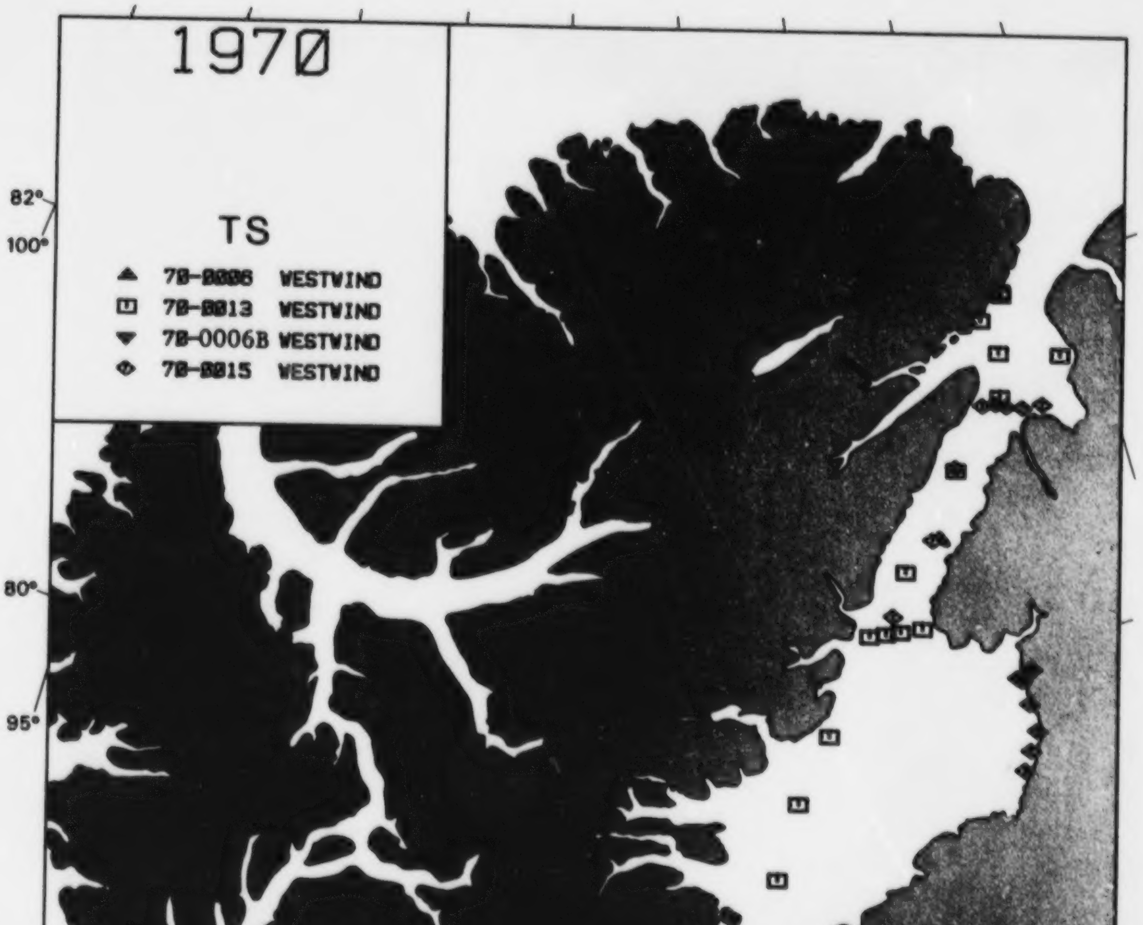
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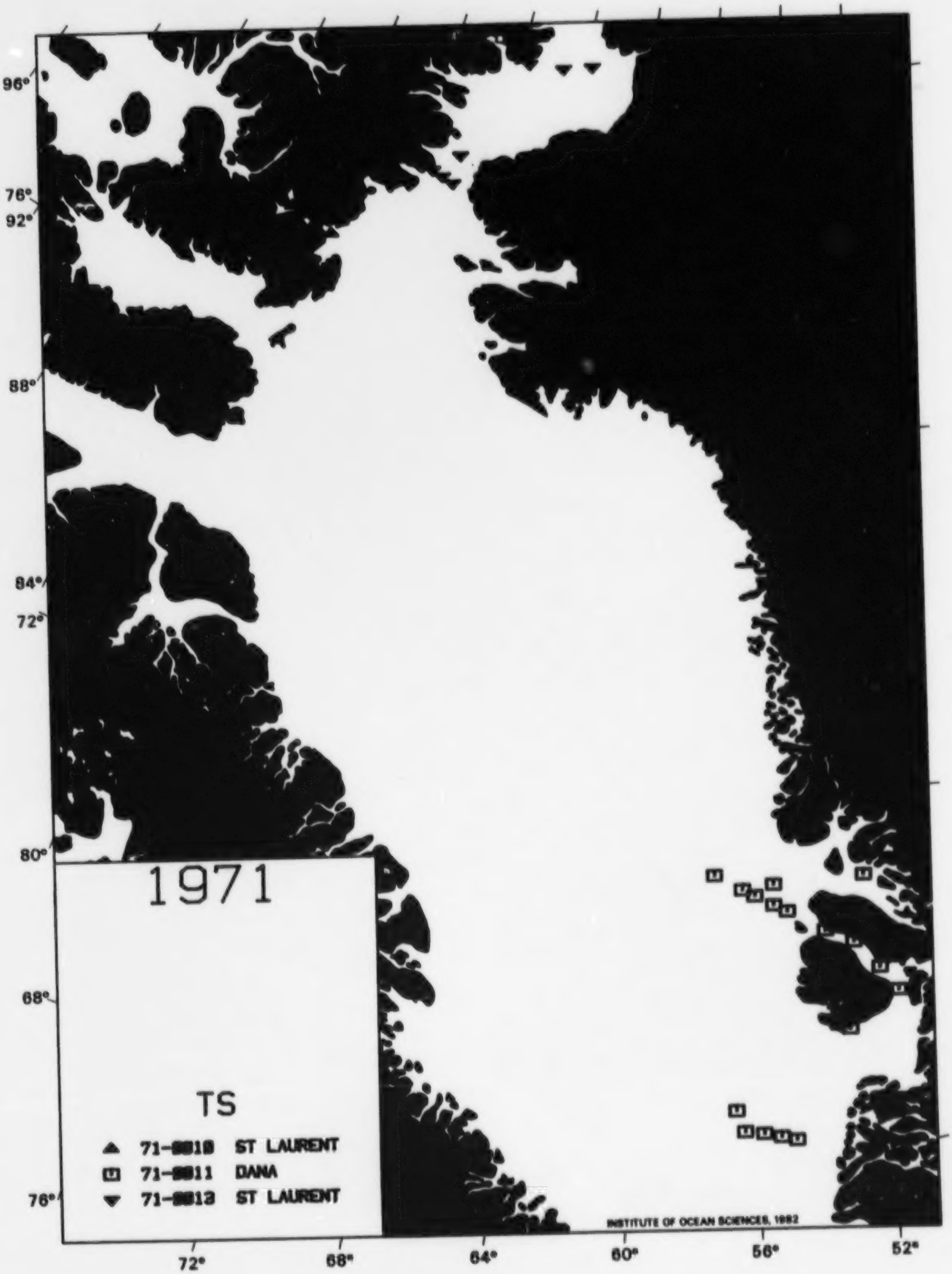
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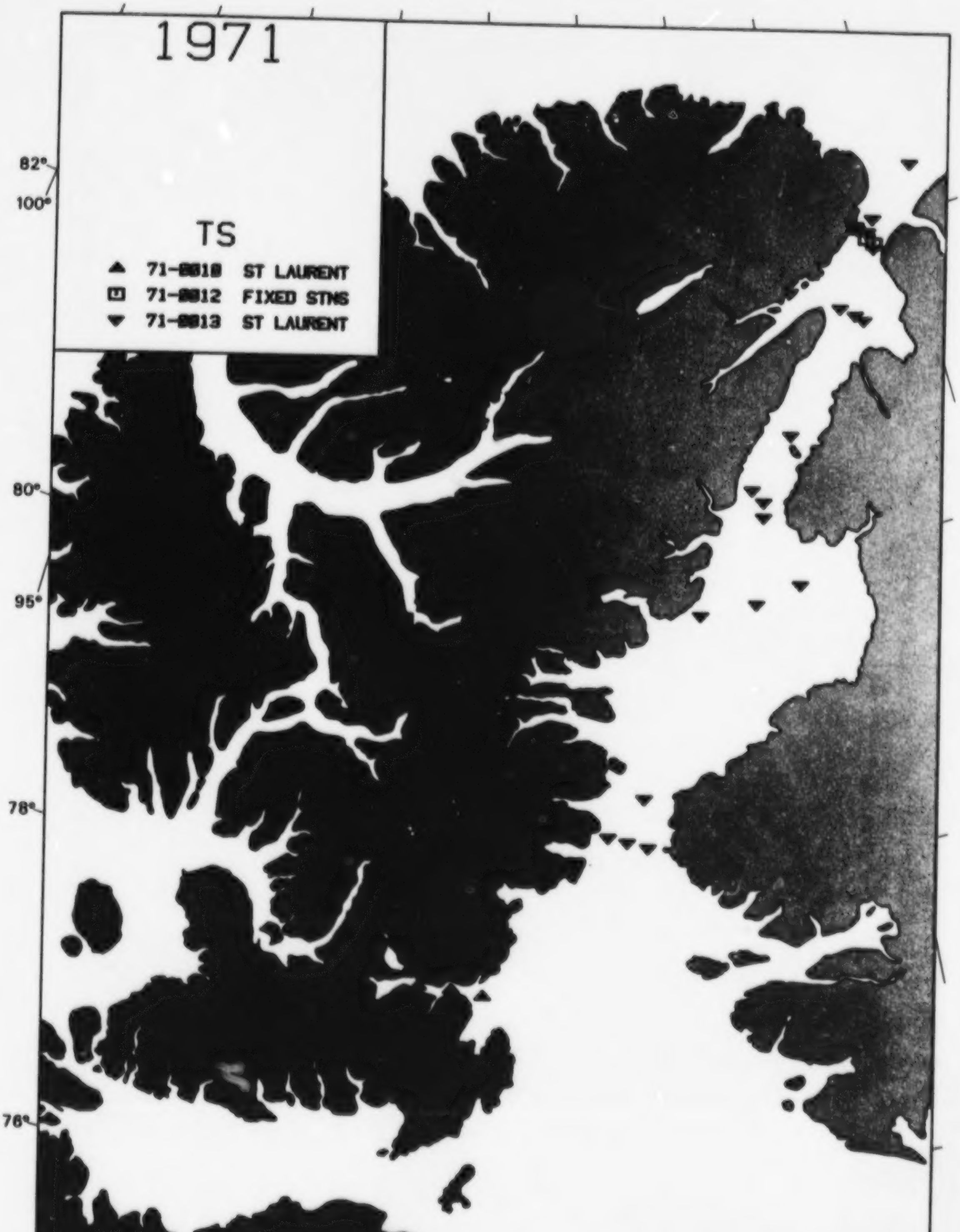
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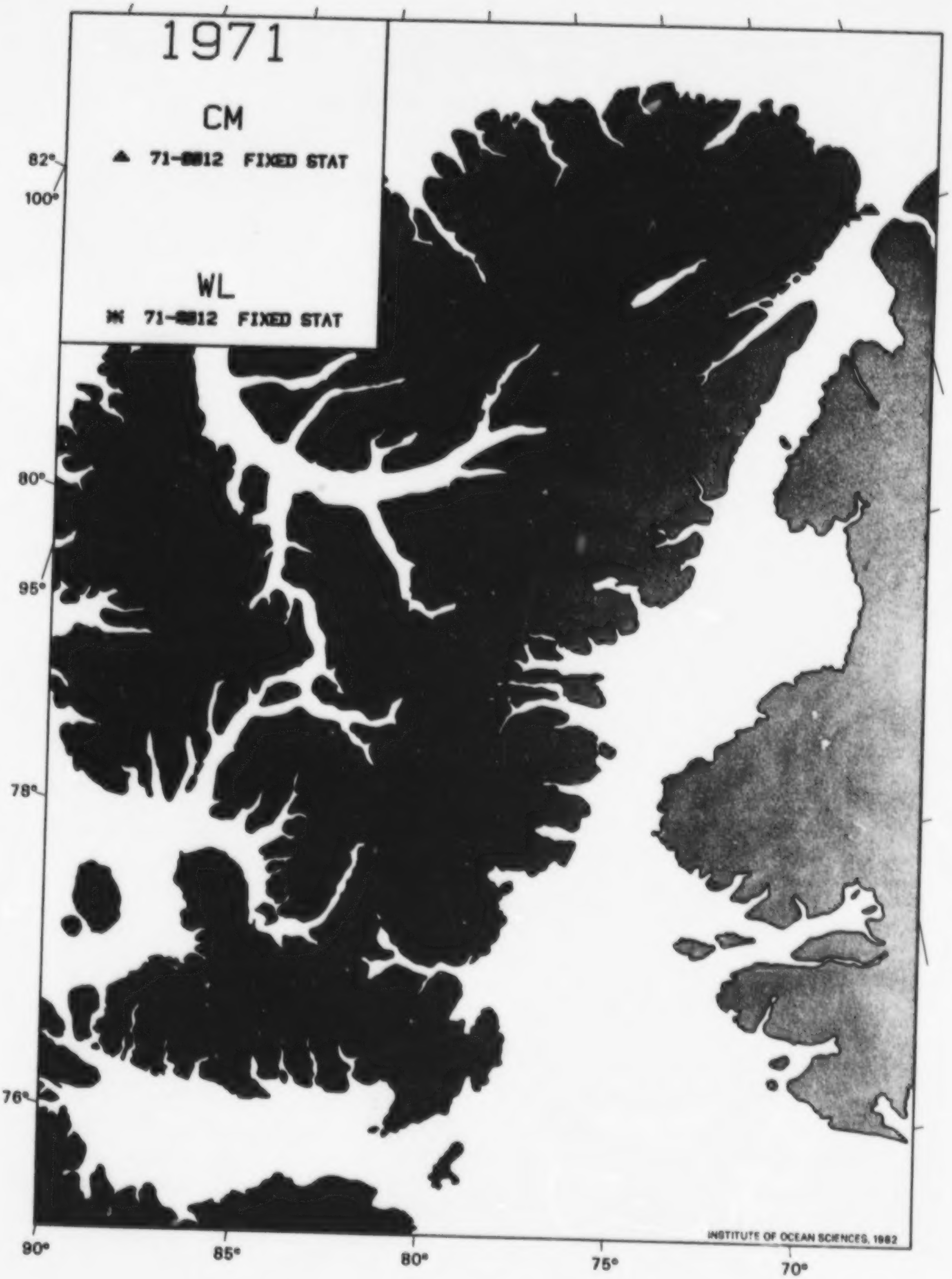
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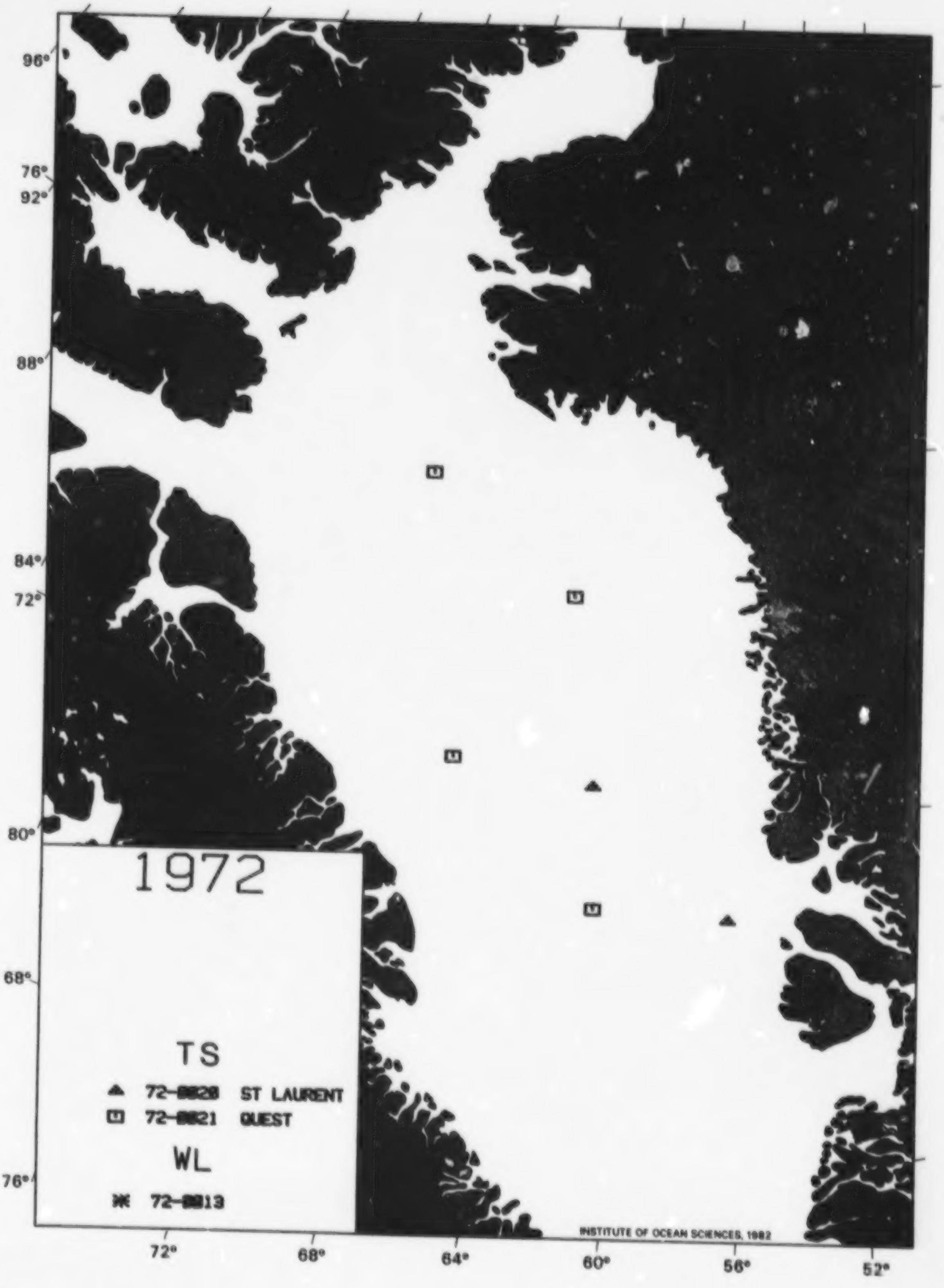
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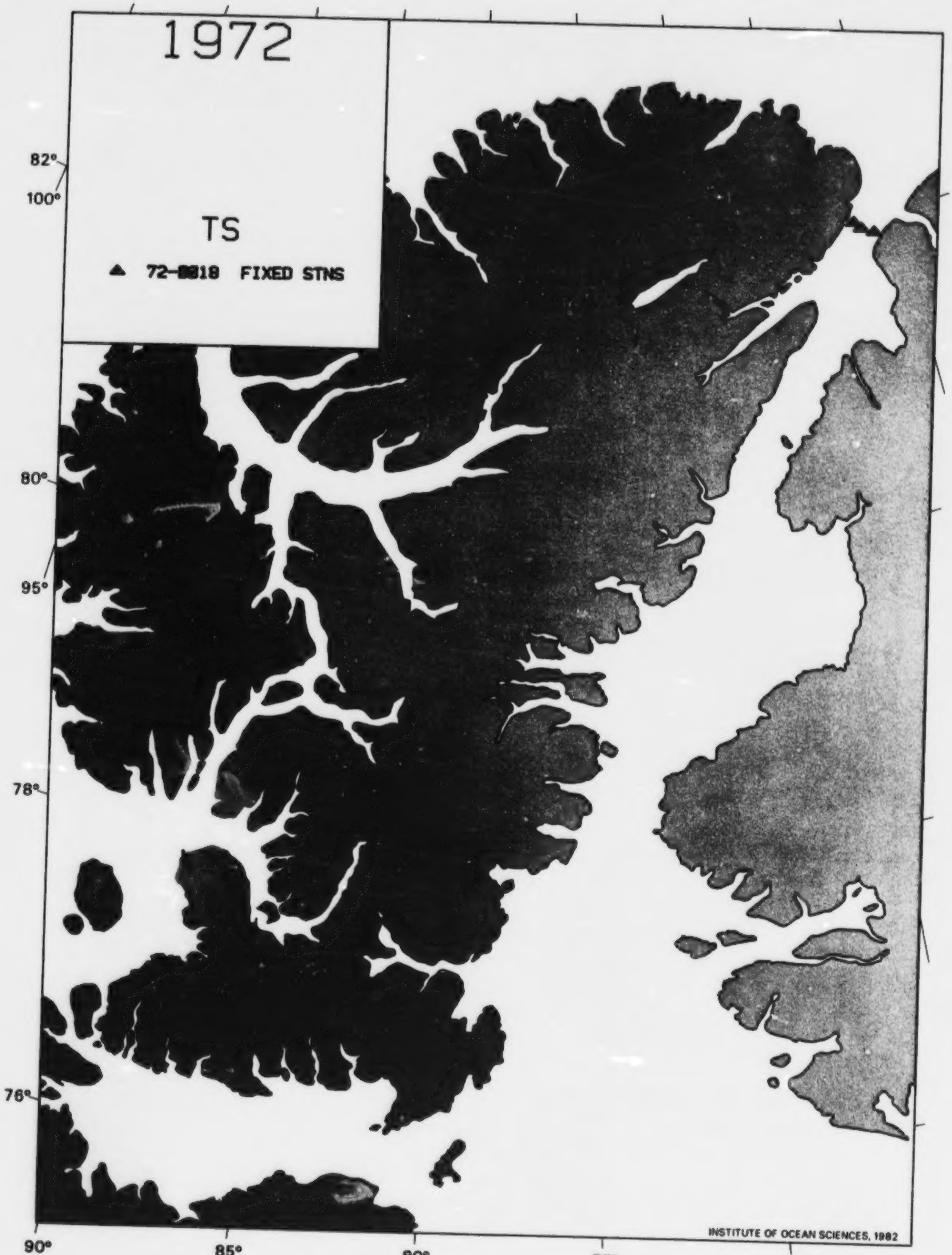
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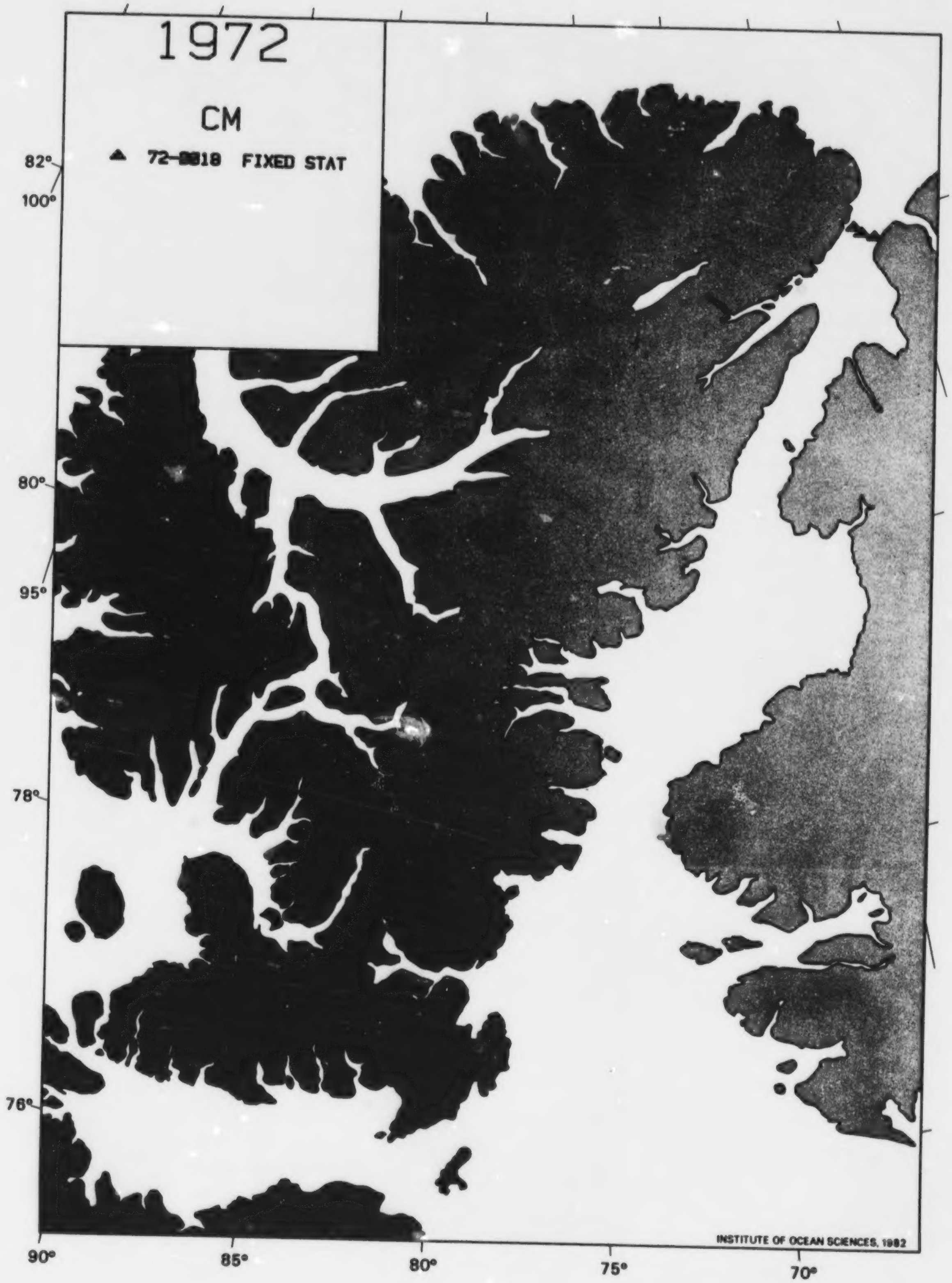
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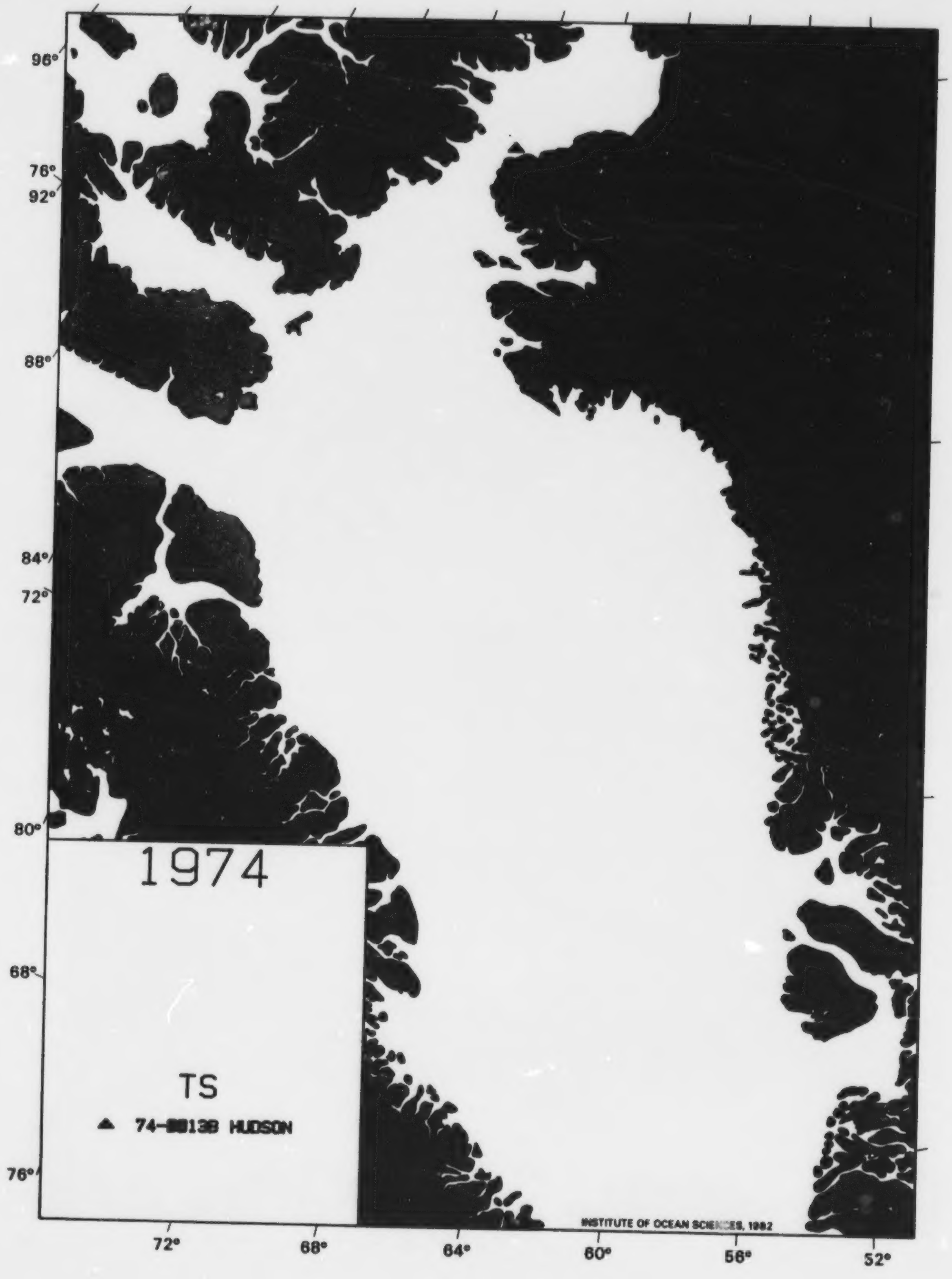
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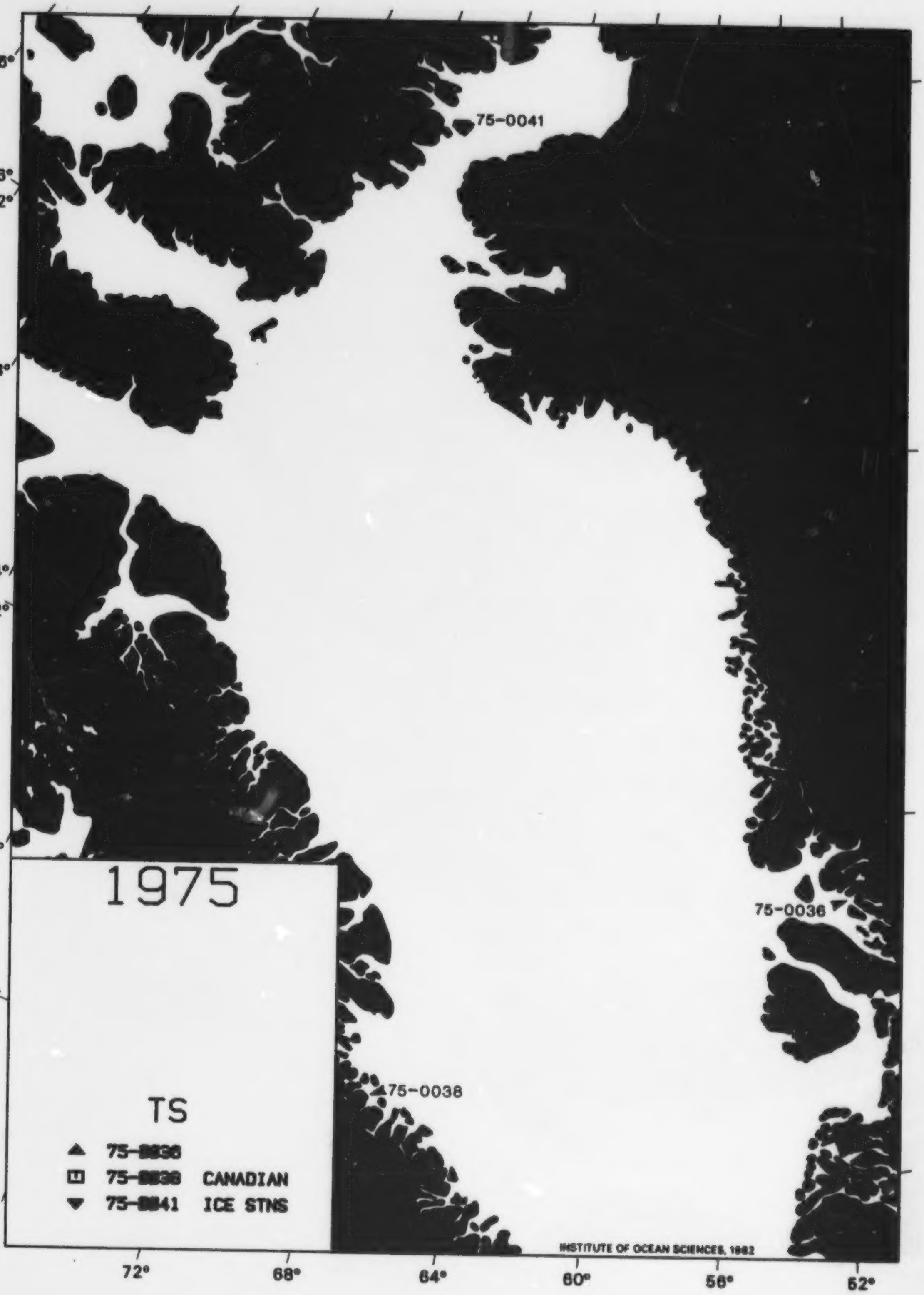
INSTITUTE OF OCEAN SCIENCES, 1982



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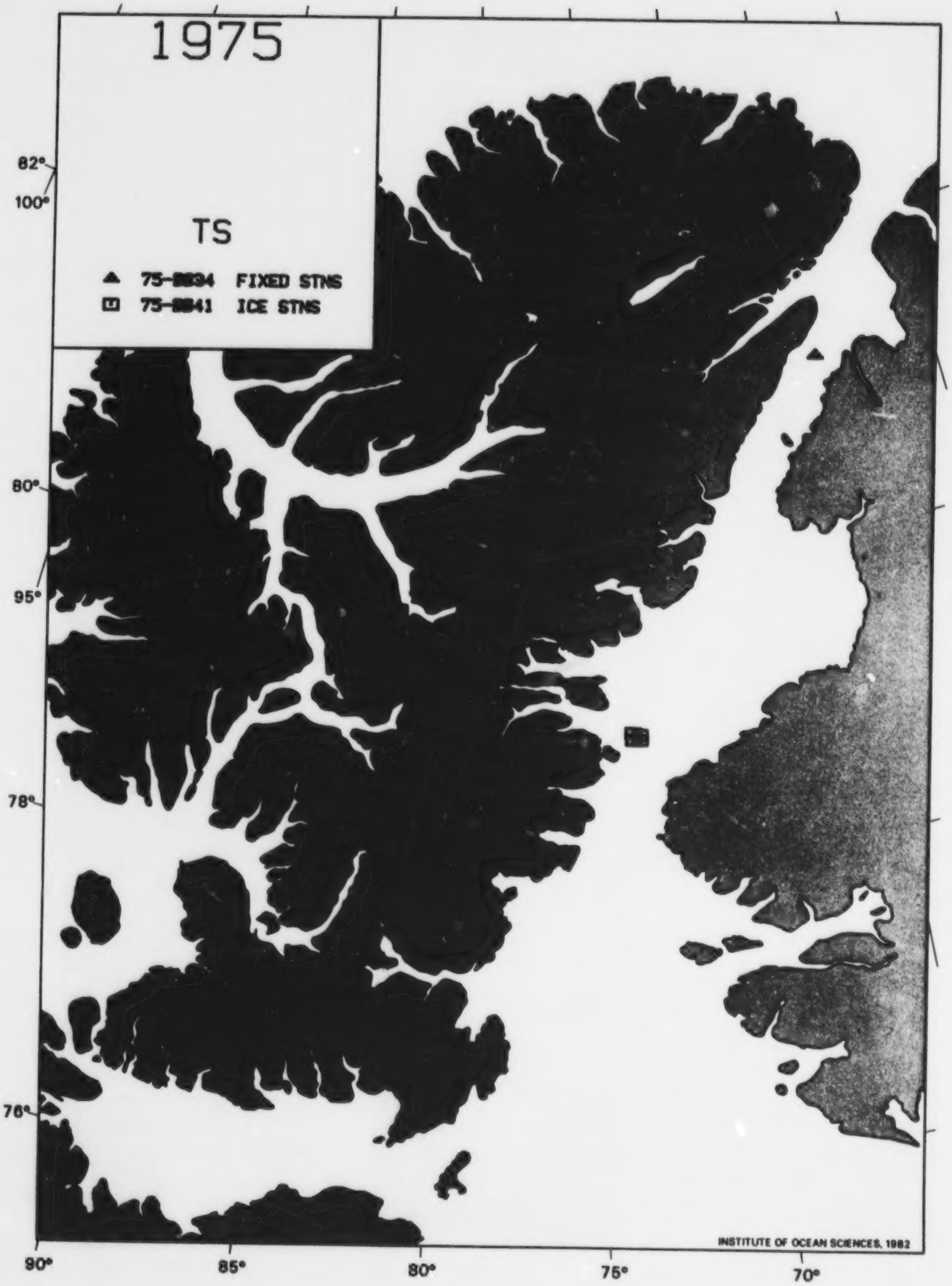
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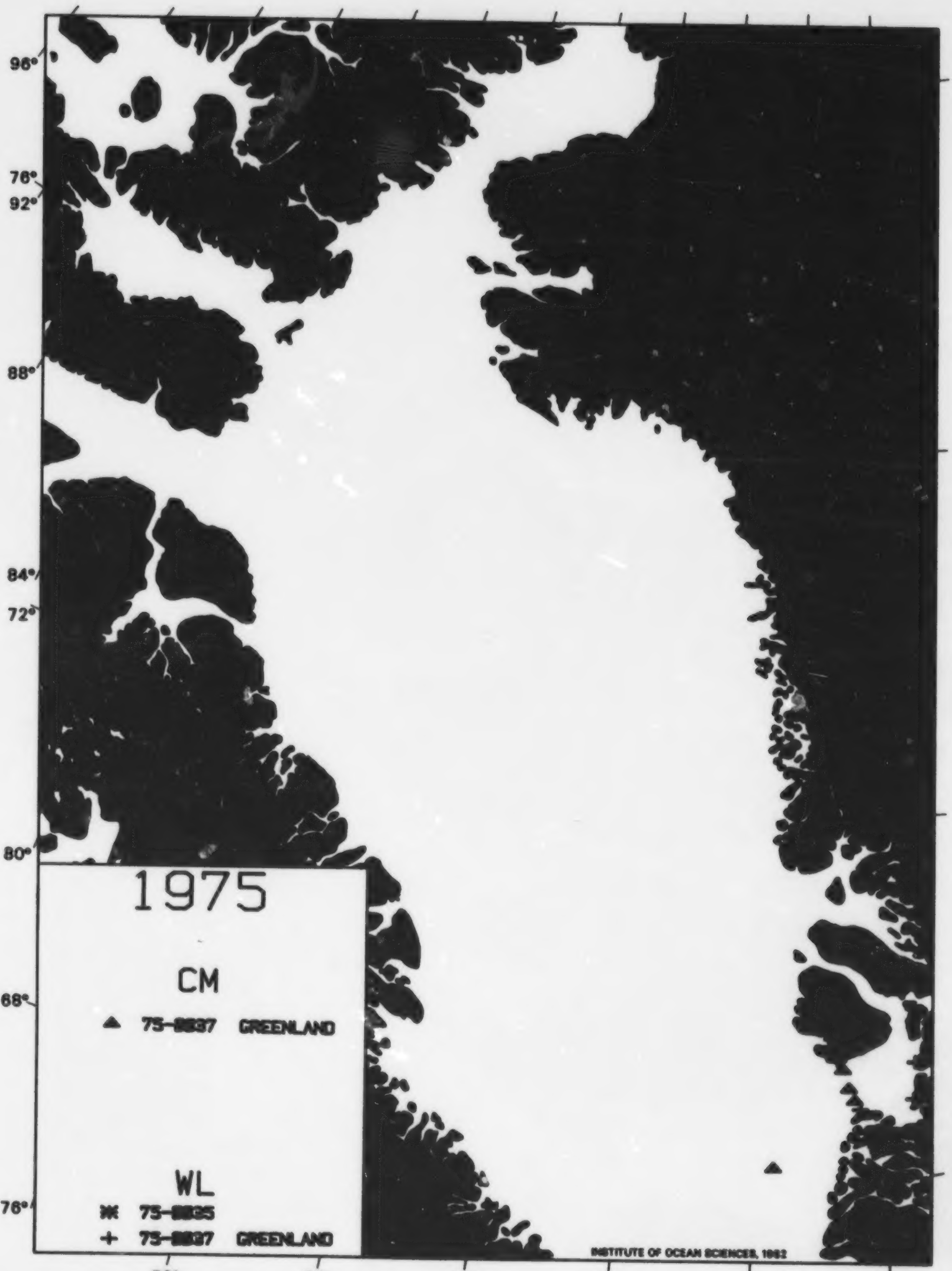
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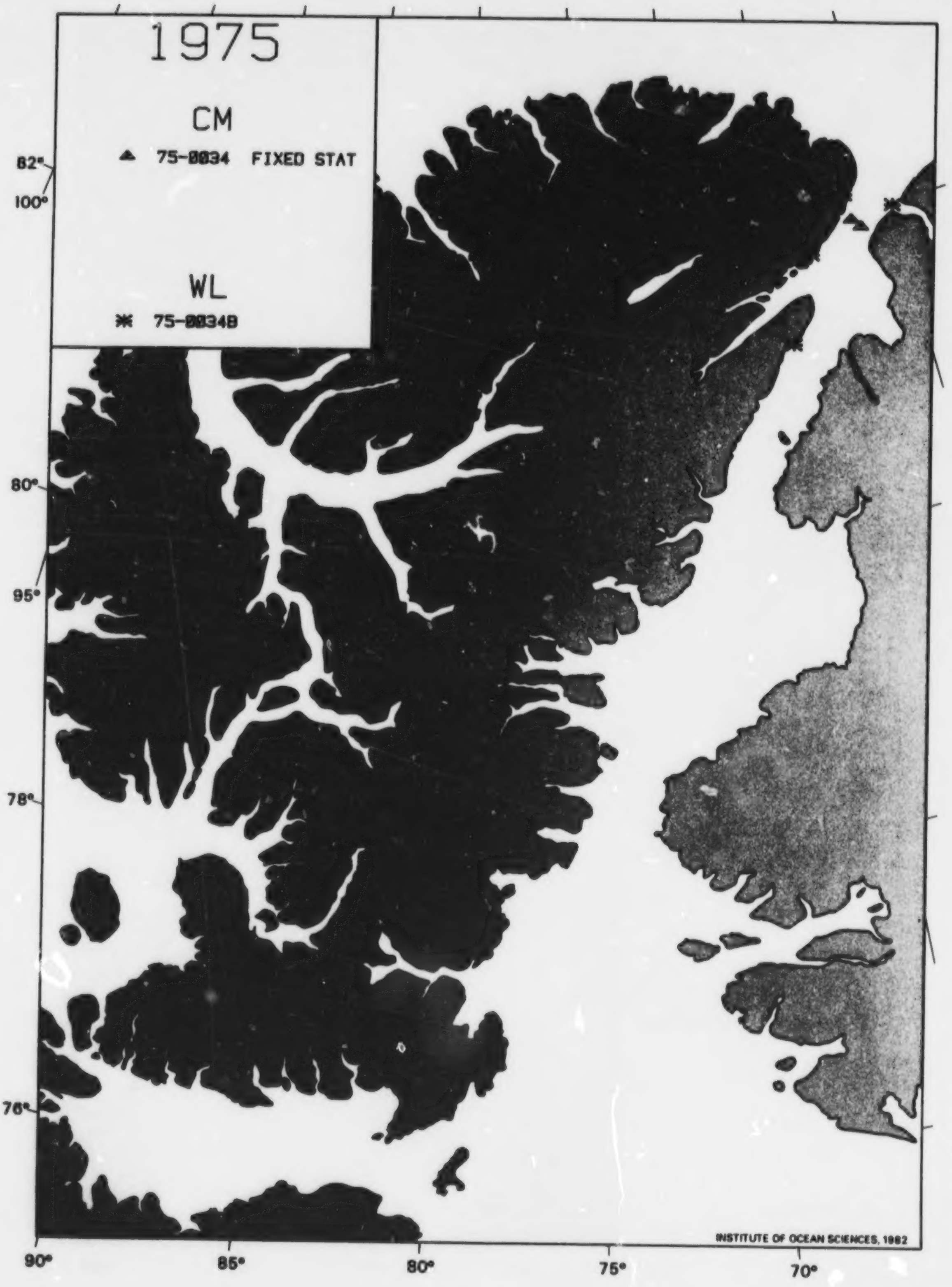
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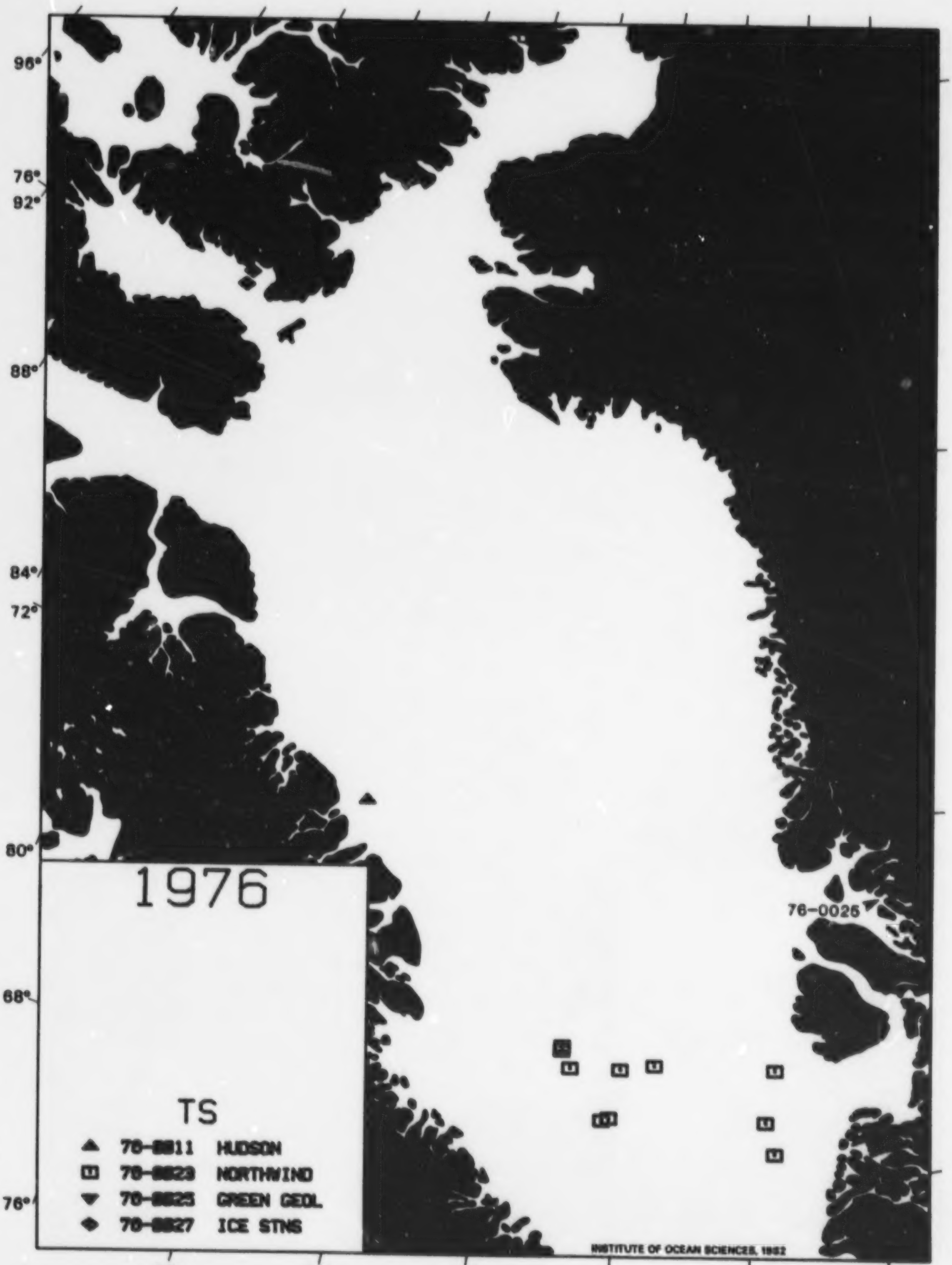
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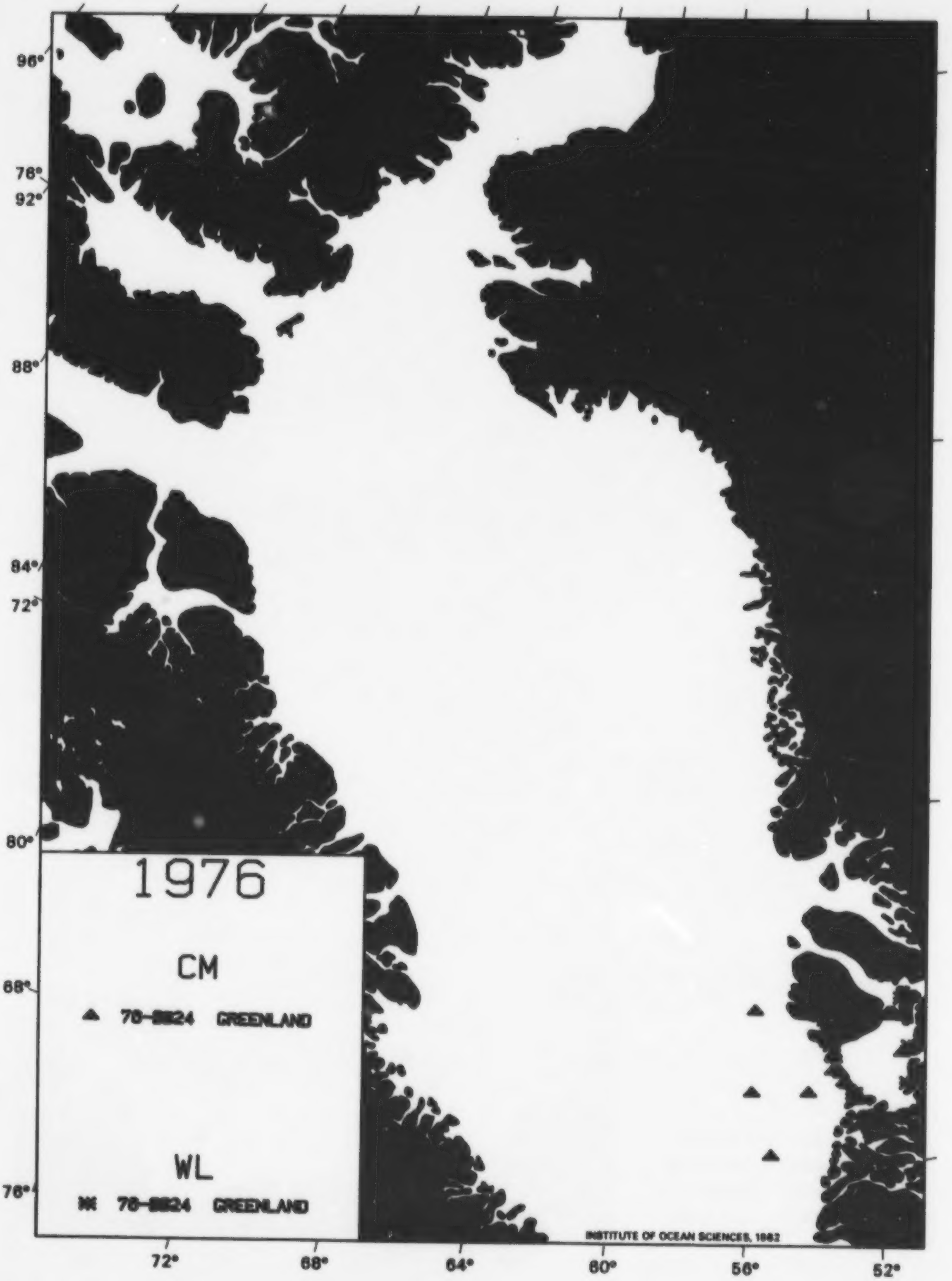
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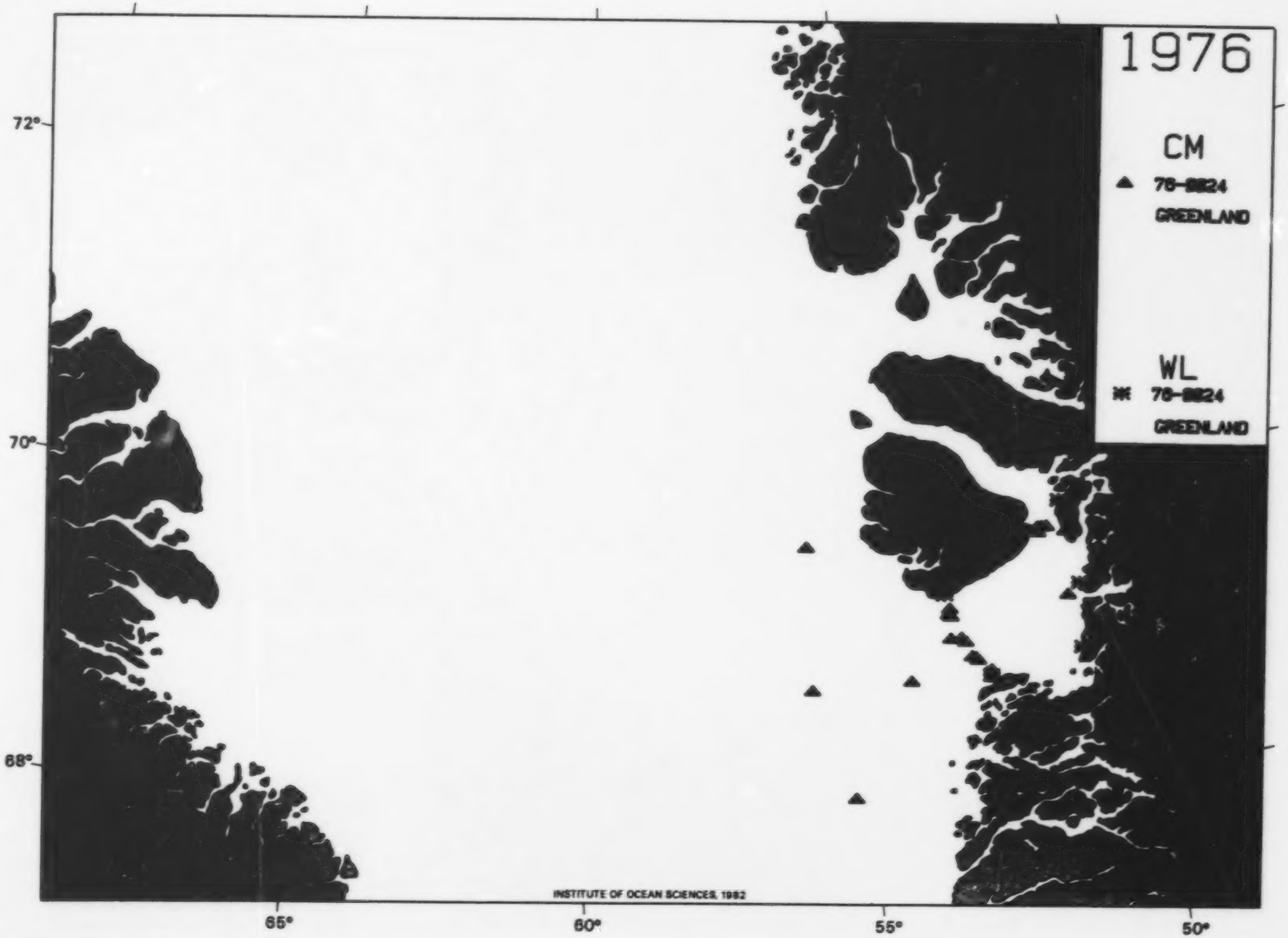
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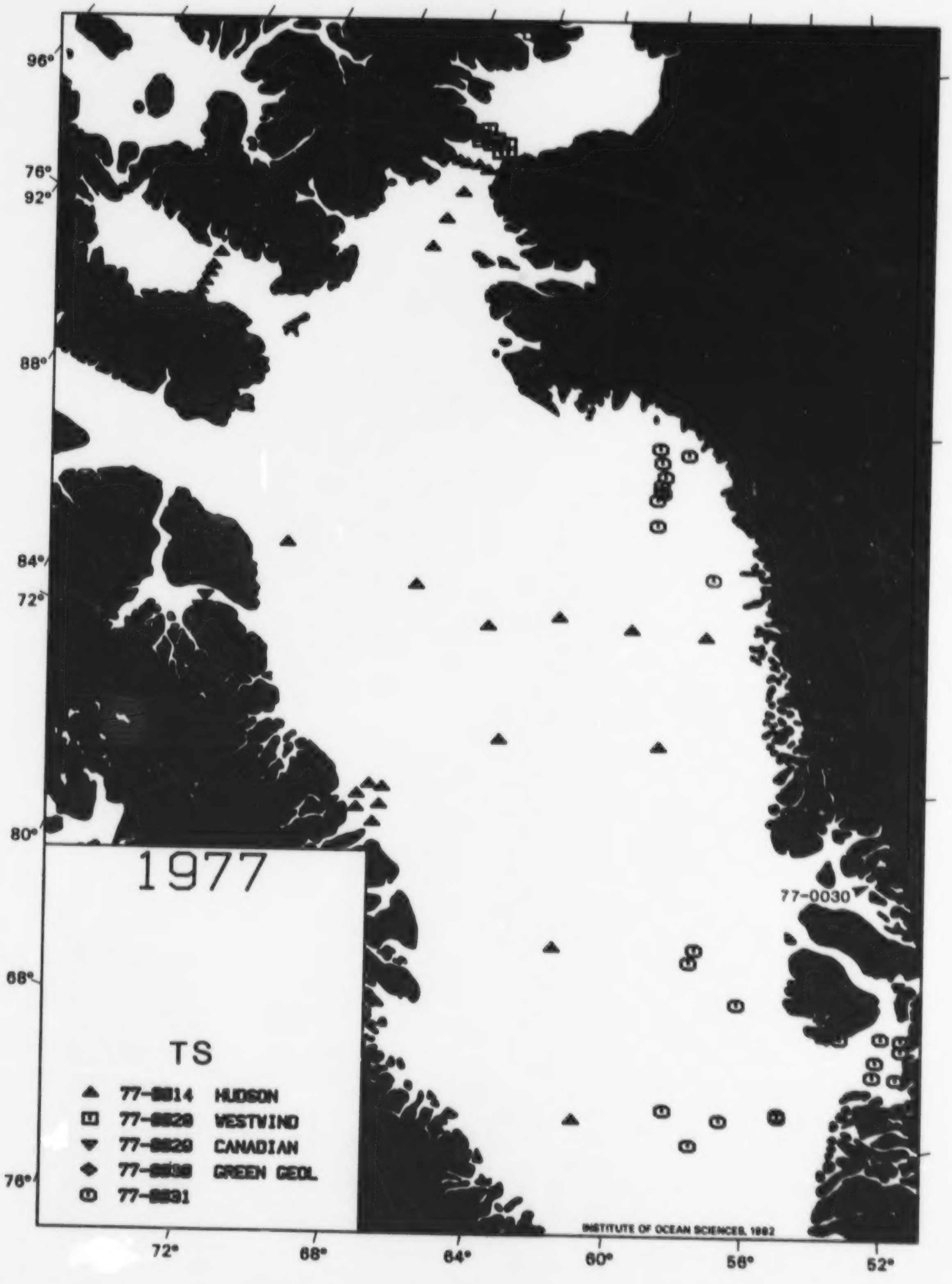
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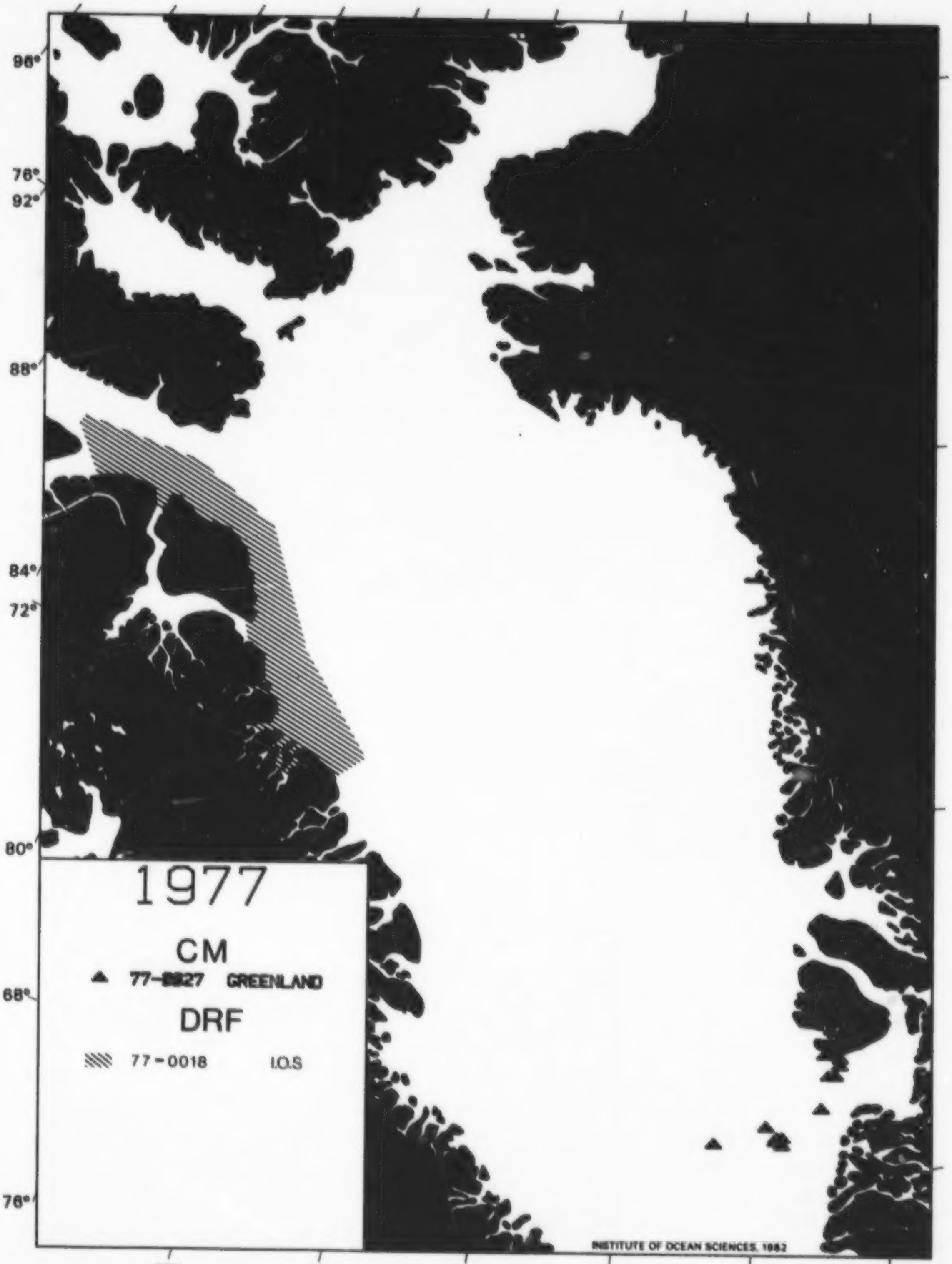
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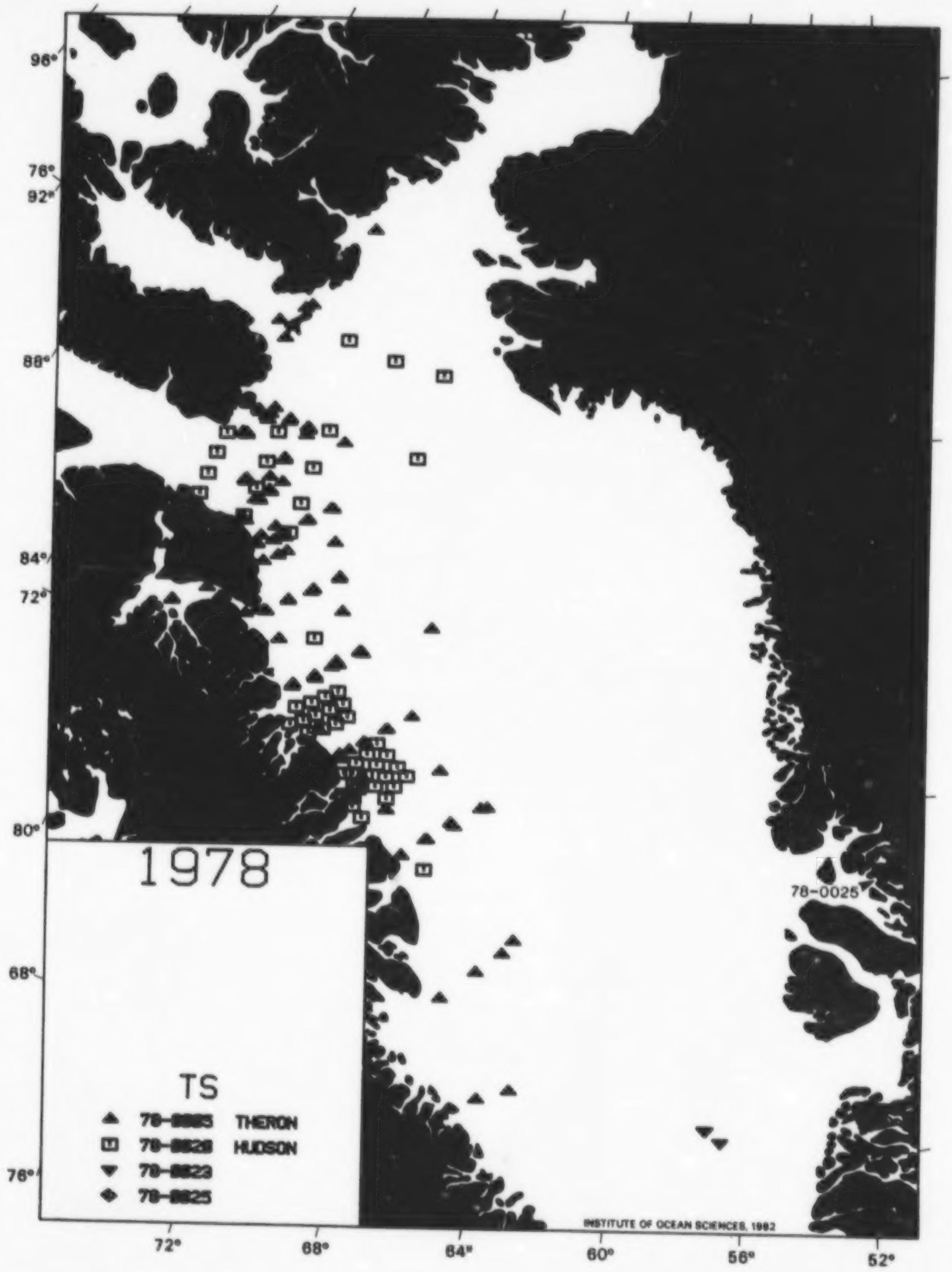
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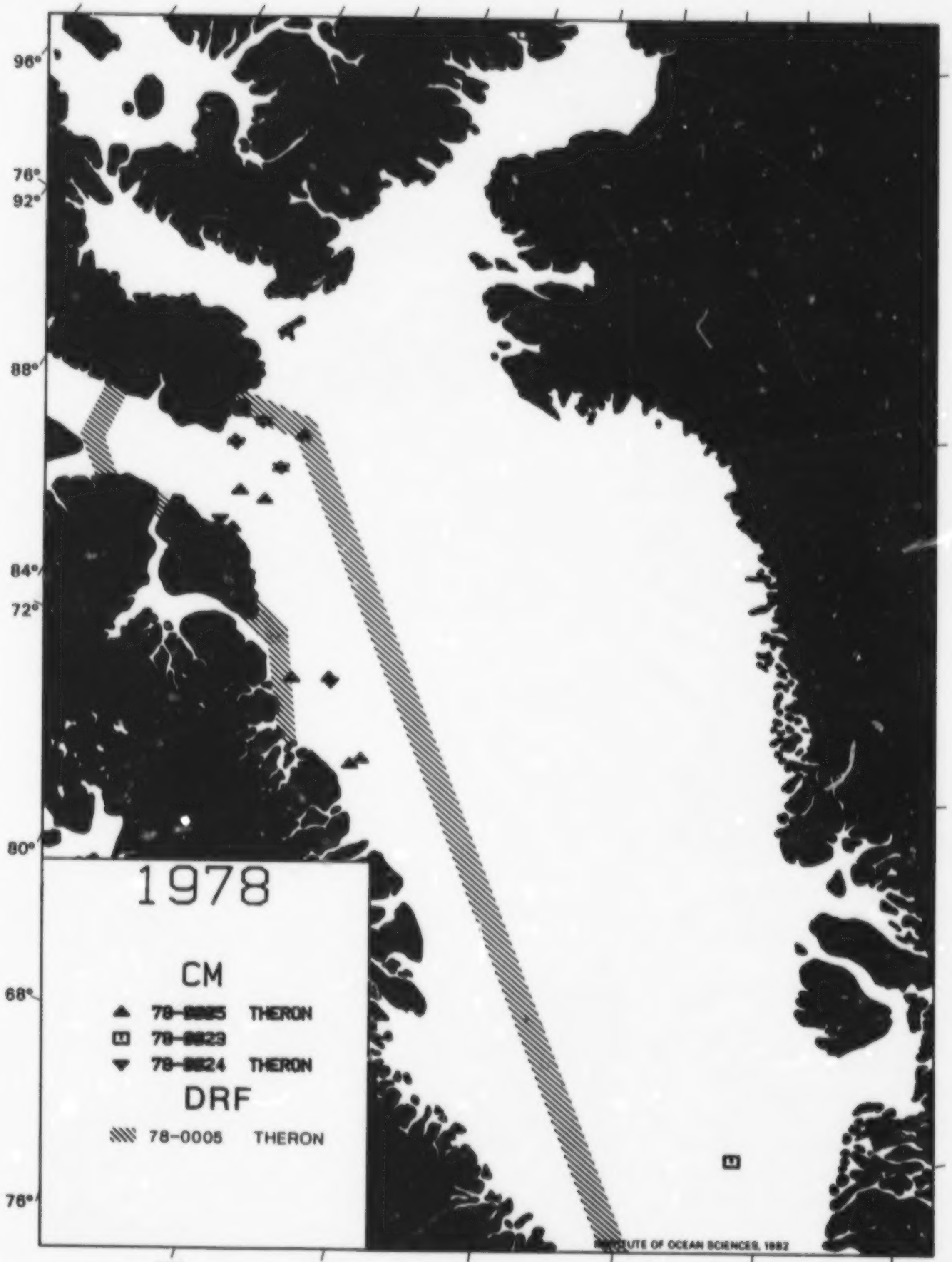
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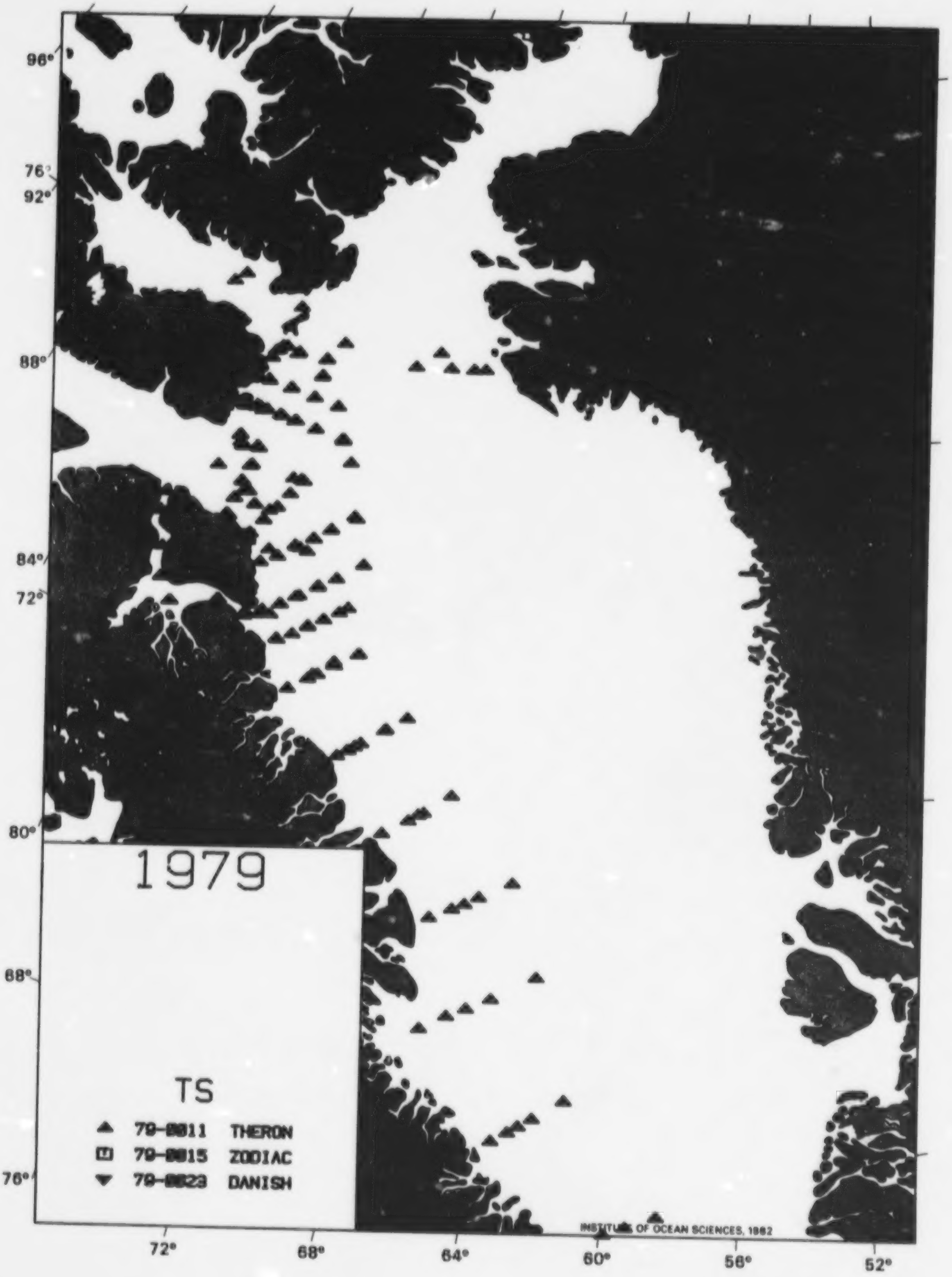
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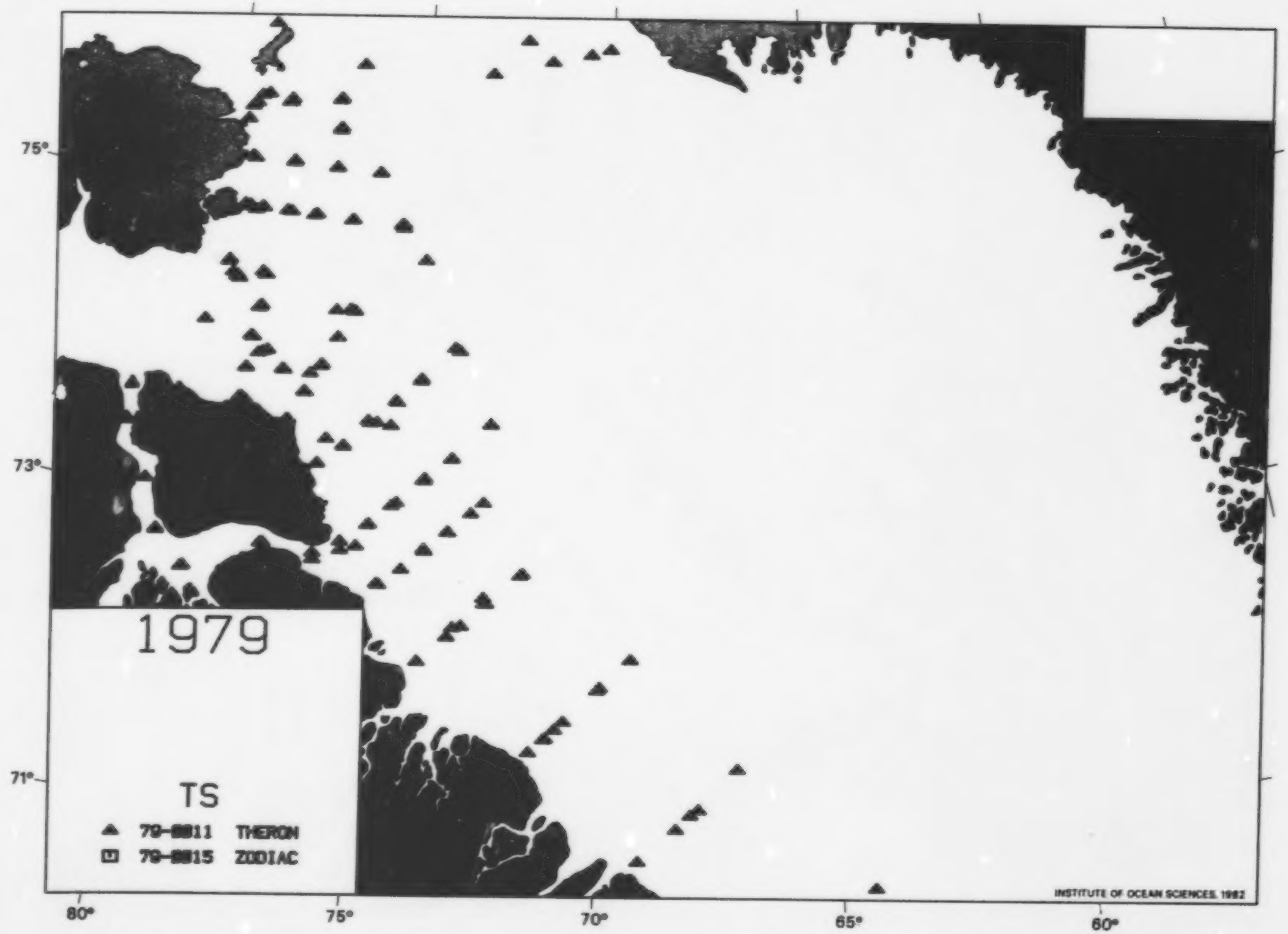
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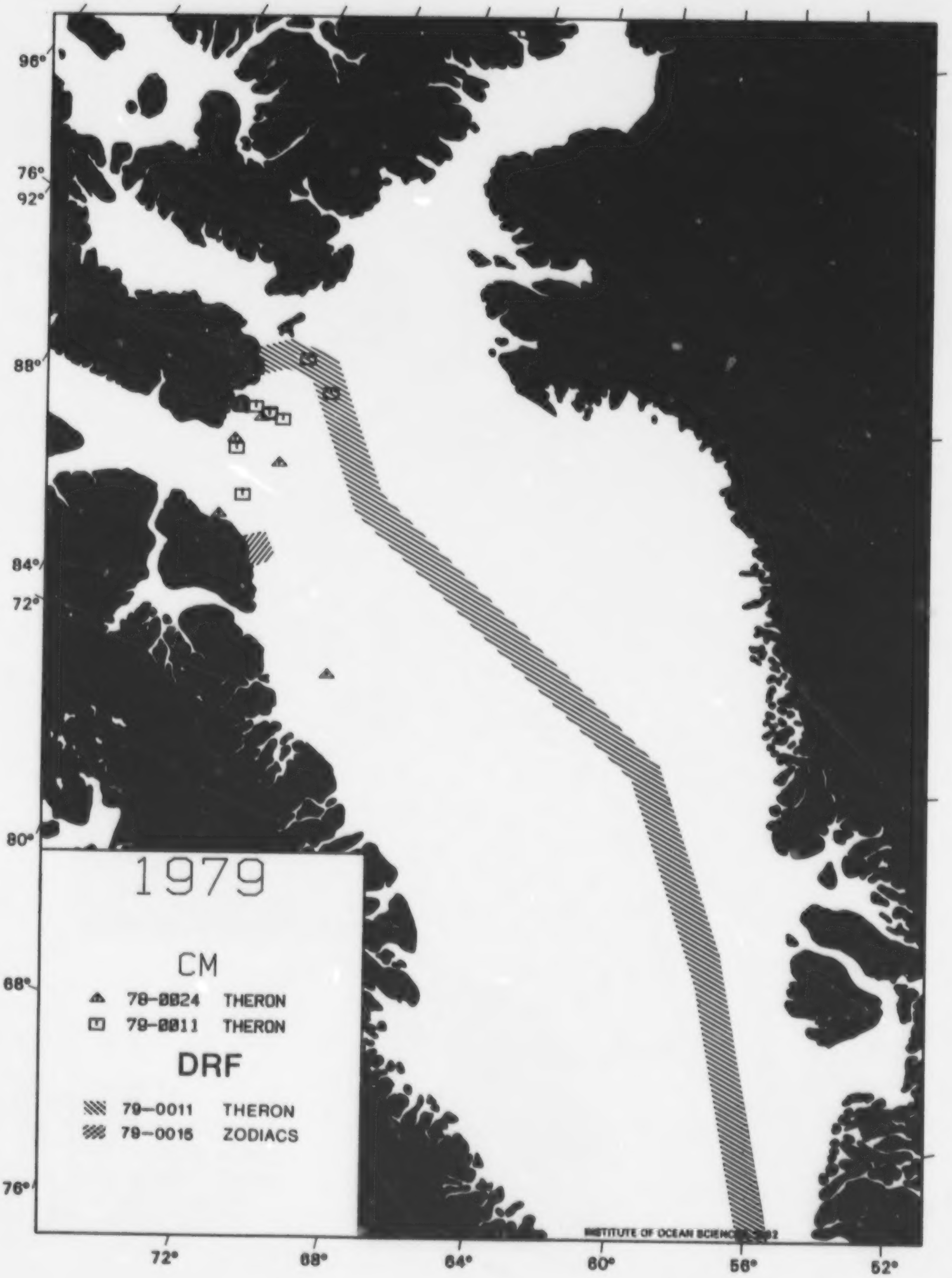
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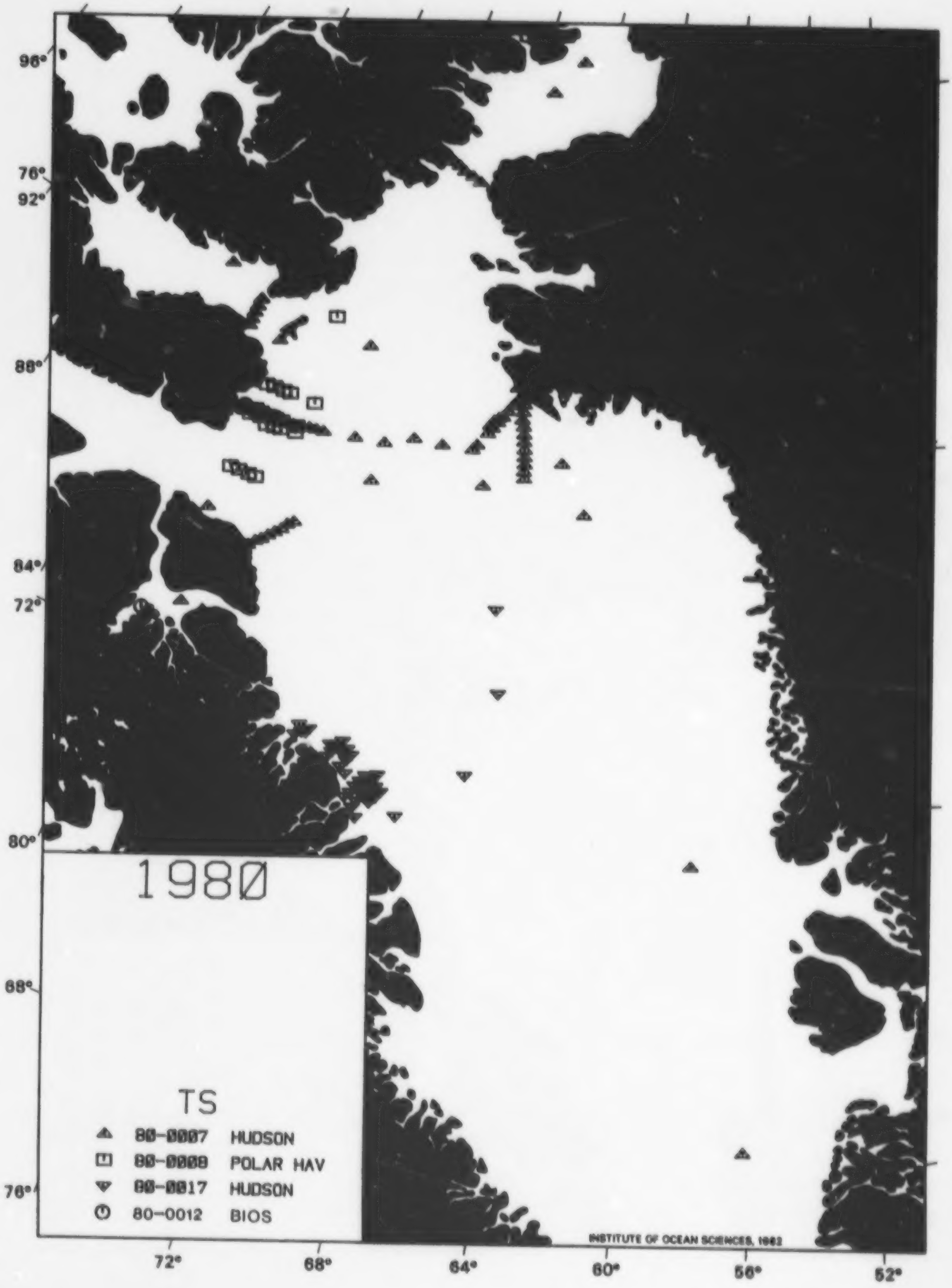
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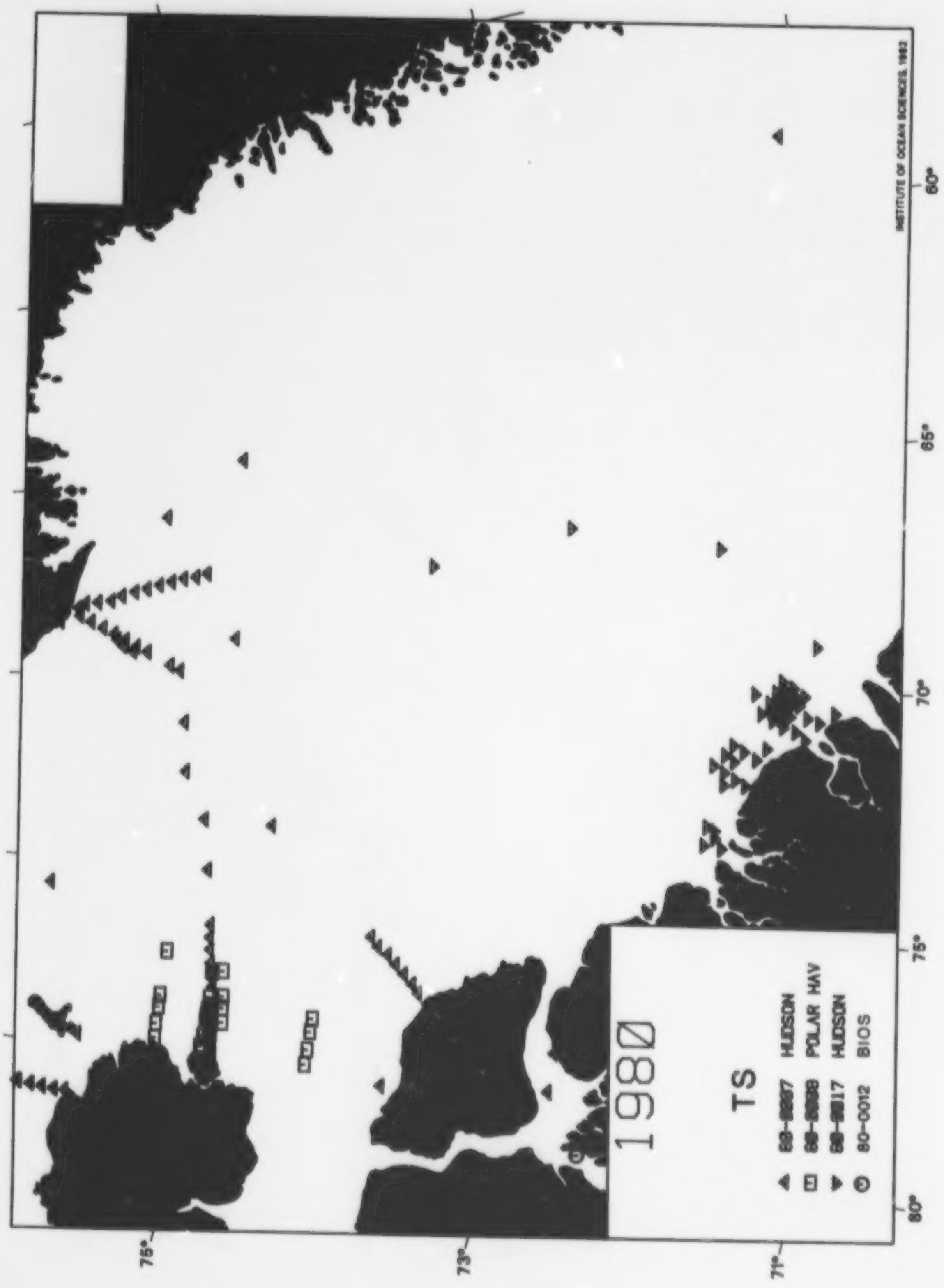
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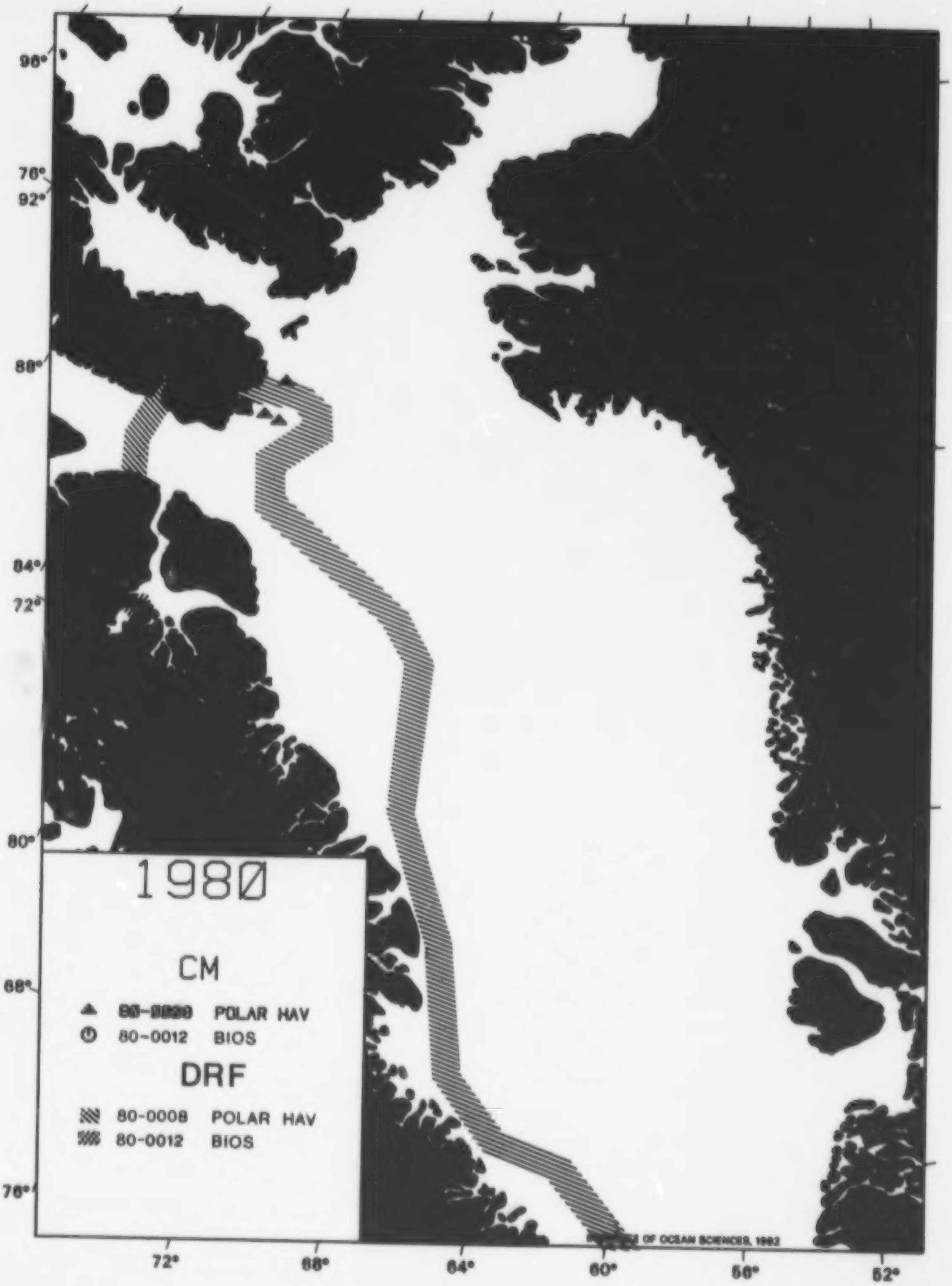
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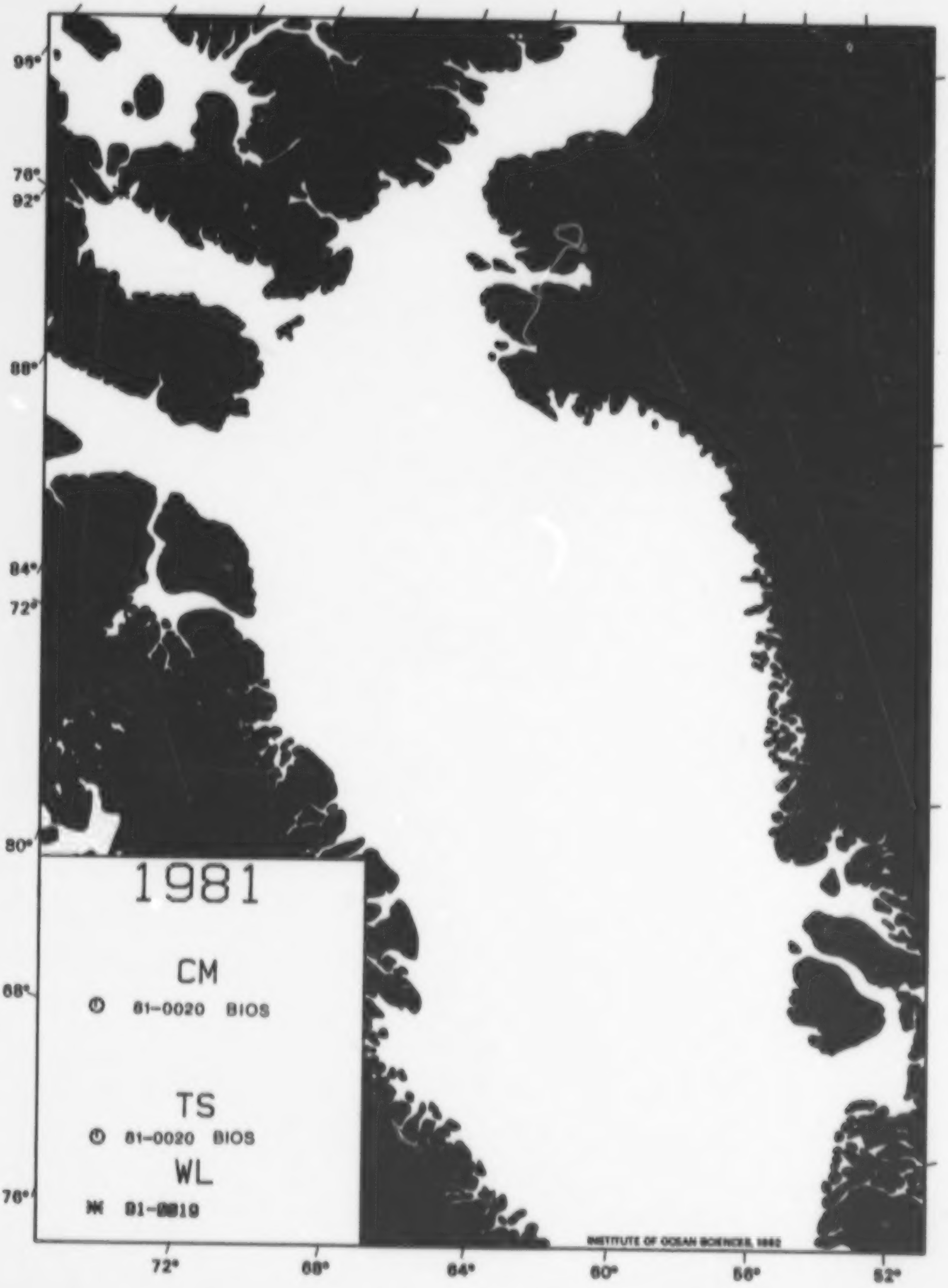
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10. INDEXES

This section contains three indexes to the data sets. The first is a geographical index which provides a listing by sub-areas (Figure 1). All data sets with any measurements in a particular sub-area are listed by number under that sub-area. The second index classifies the data sets by measurement type, under the following headings:

Temperature and salinity-bottle : measurements at discrete points in the water column

Profiles of temperature and salinity : measurements made with a profiling instrument such as a CTD.

Water levels, bottom pressure : measurements from shore-based tide stations or bottom pressure gauges

Eulerian currents : measurements of current velocity at a fixed point with a current meter

Lagrangian drift paths : the tracks of free-floating drifters

The third index lists references for each data set by number. The data set number appears at the left hand side of the page, with references listed to the right. The main references are listed followed by other interpretive or analytical references, indented with respect to the main references. The list of interpretive or analytical references may not be complete.

10.1 GEOGRAPHICAL

Nares Strait

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48-0001
50-0002
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71-0014
72-0018
72-0019
74-0013
75-0034
75-0041
76-0026
76-0027
80-0007

Smith Sound

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37-0003
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Jones Sound

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81-0019

Eastern Baffin Bay & Western Greenland

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28-0001
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61-0004
66-0004
67-0003
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69-0006
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70-0011
77-0014

Eclipse Sound

48-0001
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Southern Baffin Bay

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Western Baffin Bay

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Northern & Northwestern Baffin Bay

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Central Baffin Bay

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Melville Bay

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Disko Bay, Disko Island and Southeastern Baffin Bay

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80-0007

10.2 MEASUREMENT TYPE

Temperature Only

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76-0027

Lagrangian Drifters

28-0011
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Temperature & Salinity Bottle

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Eulerian Currents

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10.3 REFERENCES BY DATA SET NUMBER

Primary references are listed after each data set I.D. Ancillary references are indented.

08-0002 Nielsen, J.N., 1928. The waters round Greenland, Vol. I, The discovery of Greenland, exploration and nature of the country. Humphrey Milford and C.A. Reitzel, London and Copenhagen, pp. 185-203.

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24-0001 Martens, E., 1929. Cons. Perm. Rapp. Proc.-Verb. 65: 1-29. (Norwegian Michael Sars exp. of 1924.)

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34-0001 Conseil Permanent International Pour L'Exploration de la Mer, 1935.

36-0001 Hartley, C.H. and M.J. Dunbar, 1938. On the hydrographic mechanism of the so-called brown zones associated with tidal glaciers. J. Mar. Res. 1(4): 305-311.

Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

37-0003 Anonymous, 1939. British Arctic Expedition, 1937-38. Polar Record, No. 17: 48-50.

40-0001 Barnes, C.A. 1941. Oceanographic investigations in Baffin Bay in 1940. U.S. Coast Guard, Washington, D.C. (see NTIS in Appendix 2), Bulletin 30: 27-56.

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Dunbar, M.J., 1951. Eastern arctic waters. J. Fish. Res. Board Can. Bulletin No. 88: 1-131.

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46-0001 Metcalf, W.G., 1949. Oceanographic program of the U.S. Navy Task Force 80 Arctic Operation, summer 1948. Woods Hole Oceanographic Institution, Woods Hole, Mass., Tech. Rep. No. C-2, Ref. 49-4, Jan. 1949, 63 p.

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80-0017 Bedford Institute of Oceanography, 1980b. Cruise Report No. 80-028. Atlantic Geoscience Centre, Dartmouth, N.S. 31 p.

11. LISTING OF MEASUREMENT LOCATIONS AND OTHER PARAMETERS, BY YEAR

This section gives detailed listings of measurement locations and times for each of the data sets plotted on the maps in Section 9. (Drifter data sets whose measurement locations were plotted as hatched areas are not listed.) There are separate listings for temperature-salinity data, current meter data and water level data. Each listing is ordered by data set number. An explanation of the format appears at the start of each listing. Only data collected within the area of this inventory is listed here; measurements taken elsewhere may be found in the inventories for those areas.

11.1 TEMPERATURE-SALINITY DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source.
LAT, LONG	In degrees and minutes.
YR	Year
MO	Month
DY	Day
HR	Hour (GMT)
CAST TO	Maximum depth of data, in metres.
WATER DEPTH	In metres, if available.
PARAM MEAS	Parameters measured - conductivity, salinity, temperature. Each parameter measured is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings over parts of record O - zero or obviously bad readings
INSTR	Instrument type: BOT - bottle sample GLDL - Guideline CTD AAND - Aanderaa current meter BECK - Beckman INTO - Interocean CTD YSIC - Yellow Springs Instruments Co. BISS - Bisset Berman STD AMS - Applied Microsystems CTD HYT - Hytech induction salinometer
INT(HR)	The time period between repeat stations.
NO	The number of repeat stations.

Blank entries indicate unavailable or inapplicable data.
? implies suspect data, but the only/best data available.

BOTTLE/CTD DATA SET NUMBER: 08-0002
YEAR:1908 VESSEL/AGENCY: TJALFE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS		69 12.0	52 8.0	8	7	16					X	X			

BOTTLE/CTD DATA SET NUMBER: 16-0001
YEAR:1916 VESSEL/AGENCY: THULE2

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	1	69 15.0	52 34.0	16	7	2		400	439		X	X	BOTT		
DISKO IS	2	69 16.5	51 52.5	16	7	6		400	444		X	X	BOTT		
DISKO IS	3	69 12.0	54 20.0	16	7	21		90	105		X	X	BOTT		
DISKO IS	4	69 13.0	53 57.0	16	7	21		0				X	BOTT		
DISKO IS	5	69 13.0	53 .0	16	7	22		0				X	BOTT		
DISKO IS	6	69 13.0	52 20.0	16	7	22		150			X	X	BOTT		
DISKO IS	7	69 17.0	53 .0	16	7	22		0				X	BOTT		
DISKO IS	8	69 15.0	54 .0	16	8	1		70	75		X	X	BOTT		
DISKO IS	9	69 40.0	55 .0	16	8	1		0			X	X	BOTT		
DISKO IS	10	70 27.0	55 40.0	16	8	2		100	106		X	X	BOTT		
DISKO IS	11	71 11.0	56 .0	16	8	2		0			X	X	BOTT		
DISKO IS	12	72 .0	56 20.0	16	8	3		170	175		X	X	BOTT		
DISKO IS	13	72 30.0	56 12.0	16	8	3		120	135		X	X	BOTT		

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 WEST GREENLA  14     73 28.0  56 48.0    16  8  5    500               X   X BOTT
 WEST GREENLA  15     73 56.0  57 50.0    16  8  5      0               X   X BOTT
 MELV BAY      16     74 30.0  59 30.0    16  8  6    500               X   X BOTT
 MELV BAY      17     74 40.0  62   .0    16  8 12    500               X   X BOTT
 MELV BAY      19     74 55.0  62 45.0    16  8 17    500               X   X BOTT
 MELV BAY      20     75 21.0  65 30.0    16  9  2    500               X   X BOTT
 MELV BAY      21     75 46.0  65 50.0    16  9 15    500               X   X BOTT
 MELV BAY      22     75 50.0  66 50.0    16  9 20    350   350         X   X BOTT
 SMITH SD      23     76  2.0  68 30.0    16  9 22     75    78         X   X BOTT
 SMITH SD      24     76 30.0  69 30.0    16  9 23    170   170         X   X BOTT
 SMITH SD      26     76 30.0  69 30.0    16 11  2    200   207         X   X BOTT
 SMITH SD      27     76 30.0  69 30.0    16 11 30    200   220         X   X BOTT

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BOTTLE/CTD DATA SET NUMBER:  24-0002
YEAR:1924     VESSEL/AGENCY:  MICHAEL SARS

    AREA       STN      LAT      LON          DATE      CAST WATER  PARAM  INSTR INT NO
                      DEG MIN  DEG MIN    YR MO DY HR    TO  DEPTH   MEAS          HR
                                                        (M)   (M)  C  S  T
 ---------------------------------------------------------------------------------------

 DISKO IS      19     68 12.0  55   .0    24  8 15 16    35    40         X   X BOTT
 DISKO IS      16     68 28.0  56  7.0    24  8 14 16   300   350         X   X BOTT
 DISKO IS      18     69 13.0  52 54.0    24  8 15 16   700   810         X   X BOTT
 BAFFIN B      17     68 28.0  64 40.0    24  8 14 16   350   360         X   X BOTT
```

BOTTLE/CTD DATA SET NUMBER: 25-0001
YEAR:1925 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	192	69 10.0	53 32.0	25	6	29		250	280		X	X	BOTT	
DISKO IS	191	69 28.0	54 16.0	25	6	28		65	65		X	X	BOTT	
DISKO IS	190	69 28.0	55 .0	25	6	28		125	152		X	X	BOTT	
DISKO IS	189	69 30.0	56 32.0	25	6	27		190	202		X	X	BOTT	
MELV BAY	274	75 40.0	66 33.0	25	8	14		390	410		X	X	BOTT	
DISKO IS	272	68 50.0	52 48.0	25	6	22		500	650		X	X	BOTT	
DISKO IS	193	68 52.0	53 32.0	25	6	29		750	775		X	X	BOTT	
DISKO IS	185	68 .0	54 30.0	25	6	26		70	74		X	X	BOTT	
DISKO IS	186	68 5.0	56 .0	25	6	26		140	149		X	X	BOTT	
DISKO IS	187	68 5.0	56 41.0	25	6	26		200	218		X	X	BOTT	
DISKO IS	188	68 8.0	57 30.0	25	6	26		390	398		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 28-0001
YEAR:1928 VESSEL/AGENCY: GODTHAAB

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	152	69 44.0	51 40.0	28	9	7		210	230		X	X	BOTT	
DISKO IS	153	69 44.0	51 30.0	28	9	7		460	480		X	X	BOTT	
DISKO IS	154	69 44.0	51 22.0	28	9	7		520	540		X	X	BOTT	

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DISKO IS    44    69  3.0  53  4.0    28  7  7    340  360    X  X BOTT
DISKO IS    45    69  7.0  53  5.0    28  7  7    200  225    X  X BOTT
DISKO IS    46    69 12.0  53 24.0    28  7  7    170  180    X  X BOTT
DISKO IS    155   69  8.0  53 14.0    28  9  9    280  305    X  X BOTT
DISKO IS    47    69 41.0  55  1.0    28  7 13     70   80    X  X BOTT
DISKO IS    48    69 41.0  55 30.0    28  7 13    110  120    X  X BOTT
DISKO IS    49    69 43.0  56 20.0    28  7 13    150  160    X  X BOTT
DISKO IS    50    69 44.0  57 22.0    28  7 13    200  215    X  X BOTT
BAFFIN B    51    69 45.0  58 25.0    28  7 14    310  320    X  X BOTT
BAFFIN B    52    69 46.0  59 43.0    28  7 14    915  930    X  X BOTT
BAFFIN B    53    69 47.0  60 56.0    28  7 14   1650 1685    X  X BOTT
BAFFIN B    54    69 50.0  61 36.0    28  7 14   1860 1880    X  X BOTT
DISKO IS    144   70 51.0  52  1.0    28  9  4    700  733    X  X BOTT
DISKO IS    145   70 47.0  52 10.0    28  9  4    465  490    X  X BOTT
DISKO IS    146   70 44.0  52 16.0    28  9  4    550  570    X  X BOTT
DISKO IS    150   70  8.0  52 33.0    28  9  7    360  380    X  X BOTT
DISKO IS    151   70  5.0  52 44.0    28  9  7    280  300    X  X BOTT
DISKO IS    147   70 18.0  53 53.0    28  9  6    290  315    X  X BOTT
DISKO IS    148   70 20.0  53 50.0    28  9  6    550  575    X  X BOTT
DISKO IS    149   70 22.0  53 47.0    28  9  6    375  400    X  X BOTT
DISKO IS    142   70 59.0  54  2.0    28  9  4    580  600    X  X BOTT
DISKO IS    143   70 53.0  54  3.0    28  9  4    670  685    X  X BOTT
DISKO IS    139   71 21.0  54 27.0    28  9  3     35   47    X  X BOTT
DISKO IS    140   71 14.0  54 24.0    28  9  3     70   80    X  X BOTT
DISKO IS    141   71  8.0  54  6.0    28  9  3    345  360    X  X BOTT
BAFFIN B    56    71 37.0  59 58.0    28  7 17    800  830    X  X BOTT
DISKO IS    62    72 37.0  56 31.0    28  7 22    215  230    X  X BOTT
DISKO IS    63    72 56.0  56 55.0    28  7 28    390  410    X  X BOTT
DISKO IS    61    72 34.0  57 36.0    28  7 21    175  190    X  X BOTT
BAFFIN B    60    72 30.0  59  2.0    28  7 21    225  245    X  X BOTT
BAFFIN B    64    73 12.0  58  8.0    28  7 28    820  850    X  X BOTT
BAFFIN B    65    73 31.0  59 36.0    28  7 28    200  225    X  X BOTT
MELV BAY    68    74 20.0  58 38.0    28  7 29    370  384    X  X BOTT
MELV BAY    69    74 28.0  58  4.0    28  7 29    450  465    X  X BOTT
MELV BAY    67    74  5.0  59 54.0    28  7 29    500  540    X  X BOTT
MELV BAY    70    74 31.0  59 35.0    28  7 30    700  720    X  X BOTT
BAFFIN B    55    70  5.0  62 32.0    28  7 16   1750 2030    X  X BOTT
BAFFIN B    57    72 28.0  60 42.0    28  7 18    700  730    X  X BOTT
BAFFIN B    58    72 26.0  61 56.0    28  7 18   1950 2000    X  X BOTT
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BAFFIN B	59	72 26.0	62 44.0	28	7	19	2100	2200	X	X	BOTT
BAFFIN B	66	73 49.0	61 10.0	28	7	29	475	490	X	X	BOTT
MELV BAY	71	74 34.0	61 15.0	28	7	30	720	740	X	X	BOTT
MELV BAY	72	74 37.0	62 51.0	28	7	30	260	275	X	X	BOTT
MELV BAY	73	74 52.0	62 12.0	28	7	30	430	450	X	X	BOTT
BAFFIN B	136	74 50.0	69 .0	28	8	23	1475	1500	X	X	BOTT
MELV BAY	76	75 36.0	60 34.0	28	7	31	280	300	X	X	BOTT
MELV BAY	74	75 6.0	61 36.0	28	7	30	730	745	X	X	BOTT
MELV BAY	75	75 22.0	61 4.0	28	7	31	500	720	X	X	BOTT
MELV BAY	77	75 26.0	62 26.0	28	7	31	790	820	X	X	BOTT
MELV BAY	78	75 18.0	64 10.0	28	8	1	150	163	X	X	BOTT
MELV BAY	79	75 8.0	65 45.0	28	8	1	275	290	X	X	BOTT
MELV BAY	80	75 23.0	65 36.0	28	8	1	180	200	X	X	BOTT
MELV BAY	138	75 9.0	65 45.0	28	8	24	290	320	X	X	BOTT
MELV BAY	82	75 44.0	66 6.0	28	8	1	650	667	X	X	BOTT
MELV BAY	83	75 51.0	66 24.0	28	8	2	490	515	X	X	BOTT
MELV BAY	84	75 53.0	66 27.0	28	8	2	55	65	X	X	BOTT
BAFFIN B	137	75 2.0	67 12.0	28	8	24	980	1000	X	X	BOTT
SMITH SD	85	76 35.0	68 16.0	28	8	3	140	150	X	X	BOTT
SMITH SD	86	76 36.0	68 54.0	28	8	4	195	210	X	X	BOTT
SMITH SD	107	76 25.0	69 38.0	28	8	14	145	165	X	X	BOTT
SMITH SD	92	77 28.0	67 30.0	28	8	6	720	740	X	X	BOTT
SMITH SD	91	77 22.0	68 33.0	28	8	6	400	700	X	X	BOTT
SMITH SD	93	77 26.0	68 40.0	28	8	6	900	930	X	X	BOTT
SMITH SD	94	77 28.0	68 46.0	28	8	6	850	875	X	X	BOTT
SMITH SD	90	77 17.0	69 59.0	28	8	5	910	930	X	X	BOTT
BAFFIN B	135	74 41.0	70 30.0	28	8	23	1180	1200	X	X	BOTT
BAFFIN B	134	74 33.0	72 44.0	28	8	23	850	890	X	X	BOTT
BAFFIN B	133	74 26.0	74 23.0	28	8	22	620	635	X	X	BOTT
BAFFIN B	132	74 20.0	75 56.0	28	8	22	650	685	X	X	BOTT
BAFFIN B	130	74 5.0	77 50.0	28	8	22	800	825	X	X	BOTT
BAFFIN B	131	74 12.0	77 .0	28	8	22	650	680	X	X	BOTT
BAFFIN B	129	74 1.0	78 22.0	28	8	22	850	870	X	X	BOTT
SMITH SD	108	76 26.0	70 20.0	28	8	15	130	150	X	X	BOTT
SMITH SD	109	76 28.0	71 5.0	28	8	15	370	390	X	X	BOTT
SMITH SD	110	76 29.0	72 13.0	28	8	15	620	640	X	X	BOTT
SMITH SD	111	76 37.0	73 13.0	28	8	16	545	567	X	X	BOTT
SMITH SD	112	76 37.0	74 18.0	28	8	16	560	580	X	X	BOTT
SMITH SD	113	76 38.0	75 22.0	28	8	16	325	345	X	X	BOTT

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SMITH SD    114   76 40.0  76 20.0   28  8 16    75   85    X  X BOTT
SMITH SD    115   76 39.0  77 12.0   28  8 16   260  273    X  X BOTT
SMITH SD    88    77 22.0  70   .0   28  8  5   725  745    X  X BOTT
SMITH SD    89    77 19.0  70   .0   28  8  5   920  950    X  X BOTT
SMITH SD    87    77  6.0  71 13.0   28  8  4   760  790    X  X BOTT
SMITH SD    106   77   .0  71 43.0   28  8 12   835  858    X  X BOTT
SMITH SD    105   77 27.0  72 45.0   28  8 11   150  170    X  X BOTT
SMITH SD    103   77 31.0  73 36.0   28  8 10   200  215    X  X BOTT
SMITH SD    104   77 29.0  73  2.0   28  8 10   150  170    X  X BOTT
SMITH SD    102   77 34.0  74 32.0   28  8  9   580  600    X  X BOTT
SMITH SD    100   77 40.0  75 17.0   28  8  9   620  650    X  X BOTT
SMITH SD    101   77 44.0  75 56.0   28  8  9   580  610    X  X BOTT
SMITH SD    95    78 14.0  73   .0   28  8  8    70   79    X  X BOTT
SMITH SD    96    78 15.0  73 10.0   28  8  8   160  177    X  X BOTT
SMITH SD    97    78 16.0  73 29.0   28  8  8   275  290    X  X BOTT
SMITH SD    98    78 16.0  73 41.0   28  8  8   700  734    X  X BOTT
SMITH SD    99    78 14.0  74 10.0   28  8  8   100  672    X  X BOTT
ECLIPSE      127  73 56.0  82  6.0   28  8 20   675  700    X  X BOTT
ECLIPSE      128  73 53.0  82  8.0   28  8 20   775  775    X  X BOTT
JONES SD     119  75 54.0  81  1.0   28  8 17   600  610    X  X BOTT
JONES SD     120  75 49.0  81  4.0   28  8 17   550  575    X  X BOTT
JONES SD     121  75 45.0  81  6.0   28  8 18   235  255    X  X BOTT
SMITH SD     116  76  8.0  80 53.0   28  8 17    70   80    X  X BOTT
SMITH SD     117  76  4.0  80 56.0   28  8 17   670  690    X  X BOTT
SMITH SD     118  76   .0  80 59.0   28  8 17   650  665    X  X BOTT
DISKO IS     42   68 50.0  52 47.0   28  7  6   330  335    X  X BOTT
DISKO IS     43   68 56.0  52 55.0   28  7  6   180  200    X  X BOTT
DISKO IS     156  68 58.0  52 53.0   28  9  9   165  185    X  X BOTT
DISKO IS     157  68 50.0  52 47.0   28  9 10   685  685    X  X BOTT
DISKO IS     158  68 31.0  53 57.0   28  9 11   500  520    X  X BOTT
DISKO IS     159  68 24.0  56 12.0   28  9 12   450  480    X  X BOTT
BAFFIN B     160  68 17.0  58 14.0   28  9 12   375  410    X  X BOTT
BAFFIN B     161  68  7.0  59 27.0   28  9 13  1200 1250    X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 28-0002
YEAR:1928   VESSEL/AGENCY: MARION

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	67	69 11.0	51 42.0	28	8	8			410			X	BOTT	
DISKO IS	68	69 12.0	51 10.0	28	8	8			250			X	BOTT	
DISKO IS	65	69 12.0	52 49.0	28	8	8			557			X	BOTT	
DISKO IS	66	69 12.0	52 13.0	28	8	8			492			X	BOTT	
DISKO IS	64	69 9.0	53 32.0	28	8	7		240	250		X	X	BOTT	
DISKO IS	72	69 20.0	54 8.0	28	8	13			60			X	BOTT	
DISKO IS	73	69 12.0	54 46.0	28	8	13			127			X	BOTT	
DISKO IS	74	69 5.0	55 23.0	28	8	13			187			X	BOTT	
DISKO IS	69	70 14.0	52 42.0	28	8	11			131			X	BOTT	
DISKO IS	70	70 12.0	52 51.0	28	8	11			500			X	BOTT	
DISKO IS	71	70 9.0	52 55.0	28	8	11			150			X	BOTT	
DISKO IS	62	68 30.0	53 30.0	28	8	7			316			X	BOTT	
DISKO IS	63	68 55.0	53 25.0	28	8	7			799			X	BOTT	
DISKO IS	61	68 25.0	54 23.0	28	8	7			500			X	BOTT	
DISKO IS	60	68 19.0	55 14.0	28	8	7			461			X	BOTT	
DISKO IS	75	68 56.0	56 10.0	28	8	14			177			X	BOTT	
DISKO IS	76	68 49.0	57 7.0	28	8	14			205			X	BOTT	
DISKO IS	77	68 31.0	57 28.0	28	8	14			275			X	BOTT	
DISKO IS	78	68 15.0	57 50.0	28	8	14			216			X	BOTT	

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BOTTLE/CTD DATA SET NUMBER:  30-0001
YEAR:1930     VESSEL/AGENCY:  VILLE D'YS

  AREA       STN      LAT      LON         DATE      CAST WATER  PARAM  INSTR INT NO
                    DEG MIN  DEG MIN   YR MO DY HR   TO  DEPTH   MEAS         HR
                                                     (M)  (M)    C  S  T

DISKO IS      32     68  6.0  55  .0    30  8 15      50                X

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BOTTLE/CTD DATA SET NUMBER:  31-0001
YEAR:1931     VESSEL/AGENCY: LA MADELEINE

  AREA       STN      LAT      LON         DATE      CAST WATER  PARAM  INSTR INT NO
                    DEG MIN  DEG MIN   YR MO DY HR   TO  DEPTH   MEAS         HR
                                                     (M)  (M)    C  S  T

DISKO IS     M31     68   .0  55  .0    31  8  5      40                X
DISKO IS     M32     68  3.0  55  .0    31  8  6      42                X
```

BOTTLE/CTD DATA SET NUMBER: 31-0002
YEAR: 1931 VESSEL/AGENCY: ST. JEANNE D'ARC

AREA	STN	LAT		LONG		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO ISLAND	SJ18	68	0.0	55	18.0	31	8	18		39				X			

BOTTLE/CTD DATA SET NUMBER: 32-0002
YEAR: 1932 VESSEL/AGENCY: VICTORIA (FRENCH)

AREA	STN	LAT		LONG		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO ISLAND	3	68	3.0	54	0.0	32	9	12		50				X			

BOTTLE/CTD DATA SET NUMBER: 32-0001
YEAR:1932 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	54	70 16.0	55 24.0	32	8	11	21	73				X			
DISKO IS	55	70 43.0	55 8.0	32	8	12	1	35				X			
DISKO IS	56	69 6.0	54 2.0	32	8	17	22	250				X			
DISKO IS	57	68 37.0	55 10.0	32	8	18	4	40				X			

BOTTLE/CTD DATA SET NUMBER: 36-0001
YEAR:1936 VESSEL/AGENCY:

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS		69 47.0	50 20.0	36	8	9		100			X	X	BOT		
DISKO IS		69 47.0	50 20.0	36	8	22		50			X	X	BOT		
DISKO IS		69 54.0	50 25.0	36	8	3		100			X	X	BOT		

BOTTLE/CTD DATA SET NUMBER: 37-0002A
YEAR:1937 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
DISKO IS	802	69 34.0	54 23.0	37	8	26		20	30			X	BOTT		
DISKO IS	803	69 45.0	54 48.0	37	9	6		30	32			X	BOTT		
DISKO IS	804	69 45.0	54 48.0	37	9	7		30	32			X	BOTT		
DISKO IS	805	69 38.0	54 50.0	37	9	9		31	33			X	BOTT		
DISKO IS	806	69 38.0	54 50.0	37	9	10		28	30			X	BOTT		
DISKO IS	807	69 52.0	54 53.0	37	9	14		100	105			X	BOTT		
DISKO IS	808	69 45.0	54 48.0	37	9	15		35	40			X	BOTT		
DISKO IS	809	69 40.0	54 57.0	37	9	18		41	45			X	BOTT		
DISKO IS	810	69 33.0	54 34.0	37	9	20		27	30			X	BOTT		
DISKO IS	811	69 38.0	54 50.0	37	9	21		24	26			X	BOTT		
DISKO IS	812	69 33.0	54 20.0	37	9	22		125	135			X	BOTT		
DISKO IS	813	69 38.0	54 50.0	37	9	24		27	30			X	BOTT		
DISKO IS	814	69 32.0	54 12.0	37	9	25		33	36			X	BOTT		
DISKO IS	815	69 32.0	54 12.0	37	9	25		10	36			X	BOTT		
DISKO IS	816	69 32.0	54 12.0	37	9	26		30	36			X	BOTT		
DISKO IS	817	69 26.0	54 19.0	37	9	27		37	40			X	BOTT		
DISKO IS	818	69 35.0	55 30.0	37	8	25		137	147			X	BOTT		
BAFFIN B	819	69 11.0	66 44.0	37	8	19		27	29		X	X	BOTT		
DISKO IS	289	68 33.0	54 53.0	37	7	20		250			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 37-0002B
YEAR:1937   VESSEL/AGENCY: STEADY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS		69 34.0	54 23.0	37	8	26		20				X			
DISKO IS		69 45.0	54 48.0	37	9	6		30				X			
DISKO IS		69 45.0	54 48.0	37	9	7		30				X			
DISKO IS		69 38.0	54 50.0	37	9	9		31				X			
DISKO IS		69 38.0	54 50.0	37	9	10		28				X			
DISKO IS		69 52.0	54 53.0	37	9	14		100				X			
DISKO IS		69 45.0	54 48.0	37	7	15		35				X			
DISKO IS		69 40.0	54 57.0	37	9	18		41				X			
DISKO IS		69 33.0	54 34.0	37	9	20		27				X			
DISKO IS		69 38.0	54 50.0	37	9	21		24				X			
DISKO IS		69 33.0	54 20.0	37	9	22		125				X			
DISKO IS		69 38.0	54 50.0	37	9	23		0				X			
DISKO IS		69 38.0	54 50.0	37	9	24		27				X			
DISKO IS		69 32.0	57 12.0	37	9	25		33				X			
DISKO IS		69 32.0	54 12.0	37	9	25		10				X			
DISKO IS		69 32.0	54 12.0	37	9	26		30				X			
DISKO IS		69 26.0	54 19.0	37	9	27		37				X			
DISKO IS		69 26.0	54 20.0	37	9	28		0				X			
DISKO IS		69 35.0	55 30.0	37	8	25		137			X	X			

BOTTLE/CTD DATA SET NUMBER: 38-0001
YEAR:1938 VESSEL/AGENCY: VILLE D'YS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
DISKO IS	77	70	45.0	55	8.0	38	7	16		400			X	X	BOTT		
DISKO IS	76	68	27.0	54	12.0	38	7	18		45			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 40-0001
YEAR:1940 VESSEL/AGENCY: NORTHLAND

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
BAFFIN B	269	70	41.0	64	23.0	40	9	17		1861	2142		X	X	BOTT		
BAFFIN B	268	70	31.0	65	38.0	40	9	17		1365	1365		X	X	BOTT		
BAFFIN B	266	70	28.0	66	22.0	40	9	17		175	188		X	X	BOTT		
BAFFIN B	267	70	27.0	66	5.0	40	9	17		603	642		X	X	BOTT		
BAFFIN B	264	70	16.0	67	31.0	40	9	16		47	57		X	X	BOTT		
BAFFIN B	265	70	20.0	67	16.0	40	9	17		100	110		X	X	BOTT		
BAFFIN B	262	72	49.0	69	37.0	40	9	15		1754	1800		X	X	BOTT		
BAFFIN B	263	73	10.0	69	37.0	40	9	15		1438	2140		X	X	BOTT		
BAFFIN B	257	71	48.0	72	53.0	40	9	14		333	333		X	X	BOTT		
BAFFIN B	258	71	55.0	72	22.0	40	9	14		653	683		X	X	BOTT		
BAFFIN B	261	72	26.0	70	23.0	40	9	15		1158	1632		X	X	BOTT		
BAFFIN B	260	72	14.0	71	17.0	40	9	14		1250	1265		X	X	BOTT		

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BAFFIN B       259   72  4.0  72    .0     40  9 14      652  803        X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  40-0002
YEAR:1940      VESSEL/AGENCY:  CANADA

   AREA        STN      LAT      LON          DATE       CAST WATER  PARAM  INSTR INT NO
                     DEG MIN  DEG MIN     YR MO DY HR   TO  DEPTH   MEAS          HR
                                                        (M)  (M)   C  S  T

CLYDE R.             70 23.0  68 35.0     40  9 11      50                  X
CLYDE R.             70 23.0  68 35.0     40  9 17      50               X  X
PANG.                66  7.5  66   .0     40  9 22      50               X  X

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BOTTLE/CTD DATA SET NUMBER:  42-0001
YEAR:1942      VESSEL/AGENCY:

   AREA        STN      LAT      LON          DATE       CAST WATER  PARAM  INSTR INT NO
                     DEG MIN  DEG MIN     YR MO DY HR   TO  DEPTH   MEAS          HR
                                                        (M)  (M)   C  S  T

DISKO IS             69 15.0  53 34.0     42  7 31      75                  X
DISKO IS             72 43.0  56 11.0     42  8 30      75                  X
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BOTTLE/CTD DATA SET NUMBER: 43-0001
YEAR:1943 VESSEL/AGENCY:

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
DISKO IS		70 .0	52 20.0	43	9	15		75				X			

BOTTLE/CTD DATA SET NUMBER: 46-0001
YEAR:1946 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
BAFFIN BAY	2	72 48.0	58 30.0	46	7	14		150	187		X	X	BOT		
DISKO IS	3	70 36.0	57 20.0	46	7	14		450	459		X	X	BOT		
DISKO IS	4	71 42.0	57 51.0	46	7	15		200			X	X	BOT		
BAFFIN BAY	5	72 51.0	58 29.0	46	7	15		193	360		X	X	BOT		
BAFFIN BAY	6	73 37.0	59 32.0	46	7	15		200	229		X	X	BOT		
MELV BAY	7	74 22.0	62 35.0	46	7	16		394	446		X	X	BOT		
MELV BAY	8	74 30.0	62 47.0	46	7	16		200	256		X	X	BOT		
MELV BAY	9	74 10.0	60 54.0	46	7	16		500	622		X	X	BOT		
BAFFIN BAY	10	73 39.0	60 26.0	46	7	17		295	344		X	X	BOT		
BAFFIN BAY	11	73 49.0	59 5.0	46	7	18		350	402		X	X	BOT		
MELV BAY	12	74 16.0	59 5.0	46	7	20		700	804		X	X	BOT		
BAFFIN BAY	14	74 32.0	79 50.0	46	7	24		500	625		X	X	BOT		
BAFFIN BAY	15	74 52.0	75 51.0	46	7	25		450	464		X	X	BOT		

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 BAFFIN BAY     16     74 46.0  74 25.0    46  7 26      591  622       X   X BOT
 BAFFIN BAY     17     74 40.0  77  8.0    46  7 26      300  347       X   X BOT
 BAFFIN BAY     18     74 38.0  78 28.0    46  7 27      345  384       X   X BOT
 SMITH SD       21     76 38.0  68 48.0    46  8  6       30   31       X   X BOT
 BAFFIN BAY     22     75 23.0  73 54.0    46  8  6      470  556       X   X BOT
 BAFFIN BAY     23     75 11.0  74 53.0    46  8  6      443  483       X   X BOT
 NARES ST       35     80 50.0  67 50.0    46  8 24      345  373       X   X BOT
 NARES ST       36     80 33.0  68 20.0    46  8 24      300  320       X   X BOT
 NARES ST       37     80 18.0  67 42.0    46  8 24      325  345       X   X BOT
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BOTTLE/CTD DATA SET NUMBER:  48-0001
YEAR:1948     VESSEL/AGENCY:  EASTWIND

   AREA        STN     LAT       LON          DATE        CAST WATER   PARAM   INSTR INT NO
                     DEG MIN   DEG MIN    YR MO DY HR     TO  DEPTH    MEAS           HR
                                                          (M)  (M)    C  S  T

  BAFFIN B      4     71 33.0  66 39.0    48  7 22       122 2322       X   X BOTT
  SMITH SD      5     78 39.0  73 55.0    48  7 31       122  530       X   X BOTT
  NARES ST      6     79 13.0  71 15.0    48  8  1       121  310       X   X BOTT
  ECLIPSE      11     72 51.0  80 22.0    48  8 11       122  146       X   X BOTT

  NARES ST     10     81 43.0  63 20.0    48  8  7       122  457       X   X BOTT
  NARES ST      7     82 20.0  60 55.0    48  8  3       122  338       X   X BOTT
  NARES ST      8     82  7.0  61 33.0    48  8  4       122  475       X   X BOTT
  NARES ST      9     82 10.0  61 15.0    48  8  5       122  504       X   X BOTT
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BOTTLE/CTD DATA SET NUMBER: 48-0003
YEAR:1948 VESSEL/AGENCY: HEIMDAL,STEENSTRUP

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	261	69 58.0	52 30.0	48	7	14		350	450		X	X	BOTT		
DISKO IS	262	69 55.0	52 33.0	48	7	14		300	320		X	X	BOTT		
DISKO IS	263	69 54.0	52 35.0	48	7	14		120	130		X	X	BOTT		
DISKO IS	274	70 26.0	51 14.0	48	7	22		550	600		X	X	BOTT		
DISKO IS	275	70 3.0	52 23.0	48	7	13		330	357		X	X	BOTT		
DISKO IS	276	70 1.0	52 27.0	48	7	13		400	502		X	X	BOTT		
DISKO IS	277	70 45.0	52 22.0	48	7	24		400			X	X	BOTT		
DISKO IS	278	70 59.0	53 25.0	48	7	24		575			X	X	BOTT		
DISKO IS	279	70 50.0	53 30.0	48	7	26		475			X	X	BOTT		
DISKO IS	280	70 38.0	54 38.0	48	7	11		400	435		X	X	BOTT		
DISKO IS	281	70 18.0	54 30.0	48	7	15		120	130		X	X	BOTT		
DISKO IS	282	70 19.0	54 35.0	48	7	15		250	265		X	X	BOTT		
DISKO IS	283	70 20.0	54 37.0	48	7	15		250	263		X	X	BOTT		
DISKO IS	284	70 22.0	54 41.0	48	7	15		200	240		X	X	BOTT		
DISKO IS	285	70 30.0	54 49.0	48	7	15		100	113		X	X	BOTT		
DISKO IS	286	70 33.0	54 45.0	48	7	15		180	193		X	X	BOTT		
DISKO IS	287	70 34.0	54 42.0	48	7	15		350	363		X	X	BOTT		
DISKO IS	288	70 37.0	54 37.0	48	7	15		300			X	X	BOTT		
DISKO IS	289	70 35.0	55 19.0	48	7	31		150	170		X	X	BOTT		
DISKO IS	290	70 39.0	55 47.0	48	7	31		110	117		X	X	BOTT		
DISKO IS	291	70 49.0	56 52.0	48	7	30		480	516		X	X	BOTT		
DISKO IS	292	70 45.0	56 26.0	48	7	30		450	475		X	X	BOTT		
DISKO IS	293	71 .0	53 35.0	48	7	24		525	590		X	X	BOTT		
DISKO IS	249	68 45.0	54 .0	48	8	30		490	510		X	X	BOTT		
DISKO IS	250	68 45.0	54 41.0	48	8	30		175	183		X	X	BOTT		
DISKO IS	251	68 15.0	54 28.0	48	9	3		190	212		X	X	BOTT		
DISKO IS	252	68 45.0	55 23.0	48	8	30		250	264		X	X	BOTT		

DISKO IS	253	68 15.0	55 20.0	48	9	3		300	340		X	X	BOTT		
DISKO IS	254	68 45.0	56 46.0	48	8	30		300	310		X	X	BOTT		
DISKO IS	255	68 15.0	56 28.0	48	9	3		300	320		X	X	BOTT		
DISKO IS	256	68 15.0	57 49.0	48	9	3		390	406		X	X	BOTT		
BAFFIN B	257	68 45.0	58 8.0	48	8	31		283	300		X	X	BOTT		
BAFFIN B	258	68 15.0	58 41.0	48	9	3		300	320		X	X	BOTT		
BAFFIN B	259	68 45.0	59 .0	48	8	31		400	420		X	X	BOTT		
BAFFIN B	260	68 15.0	59 38.0	48	9	3		560	640		X	X	BOTT		
BAFFIN B	264	68 45.0	60 .0	48	8	31		450	1490		X	X	BOTT		
BAFFIN B	265	68 15.0	60 56.0	48	9	2		560	1720		X	X	BOTT		
BAFFIN B	266	68 45.0	61 15.0	48	8	31		540	1845		X	X	BOTT		
BAFFIN B	267	68 45.0	62 32.0	48	8	31		575	1875		X	X	BOTT		
BAFFIN B	268	68 15.0	62 13.0	48	9	2		560	1705		X	X	BOTT		
BAFFIN B	269	68 15.0	63 37.0	48	9	2		560	1260		X	X	BOTT		
BAFFIN B	270	68 45.0	64 3.0	48	8	31		560	1420		X	X	BOTT		
BAFFIN B	271	68 44.0	64 52.0	48	9	1		115	126		X	X	BOTT		
BAFFIN B	272	68 45.0	65 53.0	48	9	1		400	660		X	X	BOTT		
BAFFIN B	273	68 15.0	65 .0	48	9	2		200	216		X	X	BOTT		
BAFFIN B	264	68 45.0	60 .0	48	8	31		450	1490		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 49-0002
YEAR:1949 VESSEL/AGENCY: ENDEAVOR

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	244	69 6.0	59 56.0	49	7	19		1417	1551		X	X	BOTT		
BAFFIN B	245	69 33.0	59 23.0	49	7	19		1130	1157		X	X	BOTT		
BAFFIN B	246	69 52.0	59 1.0	49	7	19		289	302		X	X	BOTT		
DISKO IS	252	70 36.0	55 34.0	49	7	20		224	247		X	X	BOTT		
DISKO IS	253	70 38.0	55 1.0	49	7	20		399	426		X	X	BOTT		
DISKO IS	250	70 25.0	56 35.0	49	7	20		210	214		X	X	BOTT		
DISKO IS	251	70 30.0	56 6.0	49	7	20		110	131		X	X	BOTT		

DISKO IS	248	70	11.0	57	49.0	49	7	20		313	331		X	X	BOTT
DISKO IS	249	70	18.0	57	12.0	49	7	20		274	289		X	X	BOTT
BAFFIN B	247	70	3.0	58	41.0	49	7	19		286	308		X	X	BOTT
DISKO IS	242	68	26.0	56	54.0	49	7	19		276	340		X	X	BOTT
BAFFIN B	243	68	46.0	58	56.0	49	7	19		296	432		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 49-0003
YEAR:1949 VESSEL/AGENCY: HEIMDAL

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	168	69	54.0	52	35.0	49	7	11		200	225		X	X	BOTT		
DISKO IS	169	69	55.0	52	33.0	49	7	12		300	340		X	X	BOTT		
DISKO IS	170	69	58.0	52	30.0	49	7	12		300	325		X	X	BOTT		
DISKO IS	171	69	55.0	52	33.0	49	8	27		250	290		X	X	BOTT		
DISKO IS	172	69	58.0	52	30.0	49	8	27		400	420		X	X	BOTT		
DISKO IS	173	70	1.0	52	27.0	49	7	12		200	440		X	X	BOTT		
DISKO IS	174	70	3.0	52	23.0	49	7	12		250	330		X	X	BOTT		
DISKO IS	175	70	1.0	52	27.0	49	8	27		400	440		X	X	BOTT		
DISKO IS	176	70	3.0	52	23.0	49	8	27		300	320		X	X	BOTT		
DISKO IS	177	70	30.0	54	50.0	49	7	12		150	160		X	X	BOTT		
DISKO IS	178	70	33.0	54	46.0	49	7	12		300	340		X	X	BOTT		
DISKO IS	179	70	34.0	54	42.0	49	7	12		400	435		X	X	BOTT		
DISKO IS	180	70	38.0	54	38.0	49	7	12		300	350		X	X	BOTT		
DISKO IS	181	70	30.0	54	50.0	49	8	26		150	160		X	X	BOTT		
DISKO IS	182	70	33.0	54	46.0	49	8	26		150	280		X	X	BOTT		
DISKO IS	183	70	34.0	54	42.0	49	8	26		400	420		X	X	BOTT		
DISKO IS	184	70	38.0	54	38.0	49	8	26		350	370		X	X	BOTT		
DISKO IS	185	70	35.0	55	19.0	49	7	12		250	285		X	X	BOTT		
DISKO IS	186	70	39.0	55	47.0	49	7	12		400	430		X	X	BOTT		
DISKO IS	187	70	39.0	55	47.0	49	8	26		380	400		X	X	BOTT		
DISKO IS	188	70	35.0	55	19.0	49	8	26		200	225		X	X	BOTT		

DISKO IS	189	70	45.0	56	26.0	49	7	12		500	520		X	X	BOTT	
DISKO IS	190	70	49.0	56	52.0	49	7	13		450	485		X	X	BOTT	
DISKO IS	191	70	49.0	56	52.0	49	8	26		450	470		X	X	BOTT	
DISKO IS	192	70	45.0	56	26.0	49	8	26		500	535		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 50-0002
YEAR:1950 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
BAFFIN B	15	71	6.0	68	31.0	50	8	23		100	210		X	X	BOTT	
MELV BAY	6	74	10.0	61	18.0	50	7	27		400	686		X	X	BOTT	
NARES ST	10	79	51.0	69	30.0	50	8	9		149	168		X	X	BOTT	
BAFFIN B	14	74	.0	75	.0	50	8	22		693	823		X	X	BOTT	
BAFFIN B	11	74	36.0	79	51.0	50	8	16		517	677		X	X	BOTT	
NARES ST	7	79	42.0	71	14.0	50	8	2		196	210		X	X	BOTT	
NARES ST	9	81	13.0	65	6.0	50	8	7		400	475		X	X	BOTT	
NARES ST	8	82	.0	62	2.0	50	8	6		200	750		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 50-0003
YEAR:1950 VESSEL/AGENCY: DANA

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
DISKO IS	322	69	28.0	54	24.0	50	7	14		150	157		X	X	BOTT		
DISKO IS	323	69	28.0	55	.0	50	7	15		180	187		X	X	BOTT		
DISKO IS	324	69	28.0	55	46.0	50	7	15		230	241		X	X	BOTT		
DISKO IS	325	69	28.0	56	32.0	50	7	15		200	211		X	X	BOTT		
BAFFIN B	326	69	28.0	58	21.0	50	7	15		275	287		X	X	BOTT		
DISKO IS	327	70	35.0	55	19.0	50	9	8		250	280		X	X	BOTT		
DISKO IS	328	70	39.0	55	47.0	50	9	8		400	452		X	X	BOTT		
DISKO IS	329	70	45.0	56	26.0	50	9	8		600	620		X	X	BOTT		
DISKO IS	330	70	49.0	56	52.0	50	9	8		550	570		X	X	BOTT		
DISKO IS	317	68	.0	54	30.0	50	7	10		50	56		X	X	BOTT		
DISKO IS	318	68	2.0	55	15.0	50	7	10		56	60		X	X	BOTT		
DISKO IS	319	68	4.0	56	.0	50	7	10		115	119		X	X	BOTT		
DISKO IS	320	68	6.0	56	45.0	50	7	10		255	265		X	X	BOTT		
DISKO IS	321	68	7.0	57	4.0	50	7	10		360	375		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 50-0004
YEAR:1950 VESSEL/AGENCY: L'AVENTURE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	45	69 51.0	56 22.0	50	8	17		135			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 50-0005
YEAR:1950 VESSEL/AGENCY: HEIMDAL

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	1	70 35.0	55 19.0	50	9	8		250	270		X	X	BOTT	
DISKO IS	2	70 39.0	55 47.0	50	9	8		400	440		X	X	BOTT	
DISKO IS	3	70 45.0	56 26.0	50	9	8		600	620		X	X	BOTT	
DISKO IS	4	70 49.0	56 52.0	50	9	8		550	570		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 51-0005
YEAR:1951 VESSEL/AGENCY: NORWEGIAN

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	238	68 7.0	57 .0	51	7	23		250	270		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 51-0006
YEAR:1951 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	37	69 15.0	56 16.0	51	8	22		149	168		X	X	BOTT		
DISKO IS	2	70 28.0	56 2.0	51	6	9		180	190		X	X	BOTT		
DISKO IS	36	70 28.0	57 1.0	51	8	22		240	281		X	X	BOTT		
DISKO IS	39	71 48.0	56 49.0	51	8	23		150	170		X	X	BOTT		
DISKO IS	35	71 14.0	57 50.0	51	8	22		229	274		X	X	BOTT		
BAFFIN B	34	71 49.0	58 15.0	51	8	22		240	320		X	X	BOTT		
BAFFIN B	40	72 51.0	58 36.0	51	8	23		150	201		X	X	BOTT		
BAFFIN B	43	72 58.0	58 8.0	51	8	24		150			X	X	BOTT		
BAFFIN B	22	73 32.0	57 52.0	51	6	29		500	549		X	X	BOTT		
BAFFIN B	15	73 42.0	58 15.0	51	6	23		650	677		X	X	BOTT		
MELV BAY	16	74 10.0	58 27.0	51	6	24		300	320		X	X	BOTT		
MELV BAY	20	74 49.0	58 55.0	51	6	28		400	430		X	X	BOTT		
MELV BAY	21	74 12.0	58 28.0	51	6	29		140	164		X	X	BOTT		

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MELV BAY     4    74 40.0  59 35.0    51  6 11    550  786     X  X BOTT
MELV BAY    14    74 13.0  59 51.0    51  6 23    650  695     X  X BOTT
MELV BAY    17    74 25.0  59 25.0    51  6 24    719  805     X  X BOTT
MELV BAY    23    74 21.0  59 10.0    51  6 30    700  777     X  X BOTT
MELV BAY    26    74 50.0  59 40.0    51  7  1    800  869     X  X BOTT
MELV BAY    27    74 59.0  59 30.0    51  7  1    450  475     X  X BOTT
MELV BAY    28    75  5.0  59 10.0    51  7  3    750  805     X  X BOTT
BAFFIN B     3    73 52.0  60 26.0    51  6 10    450          X  X BOTT
BAFFIN B    41    73 45.0  60 24.0    51  8 23    400  494     X  X BOTT
BAFFIN B    42    73 51.0  61 15.0    51  8 24    300  313     X  X BOTT
MELV BAY    13    74 30.0  60 43.0    51  6 22    700  732     X  X BOTT
MELV BAY    18    74 30.0  60  5.0    51  6 25    650  732     X  X BOTT
MELV BAY    19    74 44.0  60  2.0    51  6 27    700  732     X  X BOTT
MELV BAY    24    74 38.0  60 14.0    51  6 30    750  805     X  X BOTT
MELV BAY    25    74 40.0  60 13.0    51  6 30    700  732     X  X BOTT
MELV BAY    12    74 56.0  61 36.0    51  6 22    600  640     X  X BOTT
MELV BAY    29    75 38.0  60 35.0    51  7  3    325  375     X  X BOTT
MELV BAY    30    75 41.0  60 40.0    51  7  5    500  549     X  X BOTT
MELV BAY    32    75 44.0  61 25.0    51  7  7    250  292     X  X BOTT
MELV BAY     5    75 22.0  62 24.0    51  6 12    260  414     X  X BOTT
MELV BAY    10    75 21.0  62  8.0    51  6 21    400  640     X  X BOTT
MELV BAY    11    75 19.0  62 10.0    51  6 21    600  630     X  X BOTT
MELV BAY    31    75 52.0  62  5.0    51  7  5    500  549     X  X BOTT
MELV BAY    33    75 49.0  63 52.0    51  7 11    550  732     X  X BOTT
MELV BAY     9    75 44.0  64 22.0    51  6 21    180  183     X  X BOTT
MELV BAY     6    75 45.0  65 43.0    51  6 13    535  585     X  X BOTT
BAFFIN B     8    75 49.0  67  2.0    51  6 20    260  274     X  X BOTT
SMITH SD     7    76 24.0  69 38.0    51  6 20    200  220     X  X BOTT
SMITH SD    44    76 18.0  69 42.0    51  8 29    250  274     X  X BOTT
SMITH SD    45    76 20.0  69 42.0    51  8 31    250  256     X  X BOTT
DISKO IS     1    68 48.0  55 56.0    51  6  8    185  209     X  X BOTT
DISKO IS    38    68 42.0  55 30.0    51  8 22    188  271     X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 52-0003
YEAR:1952 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	23	69	18.0	55	53.0	52	6	25		158	164		X	X	BOTT	
BAFFIN B	59	69	38.0	62	43.0	52	8	29		1996	2012		X	X	BOTT	
DISKO IS	24	70	.0	56	5.0	52	6	25		100	160		X	X	BOTT	
BAFFIN B	30	72	44.0	58	37.0	52	7	8		149	182		X	X	BOTT	
BAFFIN B	31	72	26.0	59	38.0	52	7	8		300	365		X	X	BOTT	
BAFFIN B	26	73	56.0	58	56.0	52	7	5		180	208		X	X	BOTT	
BAFFIN B	27	73	57.0	58	48.0	52	7	7		173	256		X	X	BOTT	
BAFFIN B	29	73	10.0	58	57.0	52	7	9		600	732		X	X	BOTT	
BAFFIN B	33	73	54.0	58	46.0	52	7	9		130	182		X	X	BOTT	
BAFFIN B	28	73	31.0	59	44.0	52	7	8		250	274		X	X	BOTT	
MELV BAY	34	74	8.0	59	50.0	52	7	22		400	677			X	BOTT	
BAFFIN B	32	71	45.0	60	38.0	52	7	8		500	549			X	BOTT	
BAFFIN B	58	71	.0	63	30.0	52	8	28		1880	2195		X	X	BOTT	
BAFFIN B	57	72	20.0	64	18.0	52	8	28		1993	2195		X	X	BOTT	
BAFFIN B	56	73	40.0	65	12.0	52	8	28		1992	2195		X	X	BOTT	
MELV BAY	55	75	.0	66	9.0	52	8	27		300	365		X	X	BOTT	
BAFFIN B	54	75	3.0	68	31.0	52	8	26		200	274		X	X	BOTT	
SMITH SD	25	76	32.0	69	5.0	52	7	2		100	180			X	BOTT	
BAFFIN B	51	75	54.0	76	8.0	52	8	20		250	338		X	X	BOTT	
BAFFIN B	50	75	46.0	78	.0	52	8	20		200	256		X	X	BOTT	
SMITH SD	53	76	12.0	71	40.0	52	8	20		500	567		X	X	BOTT	
SMITH SD	52	76	2.0	74	15.0	52	8	20		300	402		X	X	BOTT	
JONES SD	49	75	57.0	81	12.0	52	8	20		476	529		X	X	BOTT	
JONES SD	48	76	18.0	88	46.0	52	8	19		150	182		X	X	BOTT	
BAFFIN B	35	74	37.0	94	42.0	52	8	8		100	120		X	X	BOTT	
BAFFIN B	41	74	38.0	96	32.0	52	8	13		200	256		X	X	BOTT	
DISKO IS	22	68	36.0	55	40.0	52	6	25		200	220		X	X	BOTT	

BAFFIN B	60	68	.0	62	.0	52	8	29		1500	1646		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 52-0005
YEAR:1952 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	492	69	40.0	51	40.0	52	7	30		255	268		X	X	BOTT	
DISKO IS	493	69	56.0	52	15.0	52	7	30		485	510		X	X	BOTT	
DISKO IS	494	69	15.0	53	8.0	52	7	29		330	370		X	X	BOTT	
DISKO IS	495	69	15.0	54	18.0	52	7	27		245	258		X	X	BOTT	
DISKO IS	334	69	6.0	55	40.0	52	8	26		146	146		X	X	BOTT	
DISKO IS	335	70	36.0	51	58.0	52	8	27		145			X	X	BOTT	
DISKO IS	496	70	14.0	53	.0	52	7	31		375	400		X	X	BOTT	
DISKO IS	336	70	55.0	53	56.0	52	8	27		430			X	X	BOTT	
DISKO IS	497	70	22.0	54	2.0	52	7	31		290	338		X	X	BOTT	
DISKO IS	337	70	22.0	54	22.0	52	8	26		265	265		X	X	BOTT	
DISKO IS	498	70	35.0	55	19.0	52	7	31		250	260		X	X	BOTT	
DISKO IS	499	70	39.0	55	47.0	52	7	31		385	440		X	X	BOTT	
DISKO IS	500	70	45.0	56	26.0	52	7	31		510	558		X	X	BOTT	
DISKO IS	501	70	49.0	56	52.0	52	7	31		515	540		X	X	BOTT	
DISKO IS	502	70	58.0	57	51.0	52	7	31		315	340		X	X	BOTT	
DISKO IS	485	68	.0	54	30.0	52	7	26		54	57		X	X	BOTT	
DISKO IS	486	68	2.0	55	15.0	52	7	26		57	60		X	X	BOTT	
DISKO IS	487	68	57.0	55	20.0	52	7	27		245	248		X	X	BOTT	
DISKO IS	488	68	4.0	56	.0	52	7	26		125	130		X	X	BOTT	
DISKO IS	489	68	6.0	56	45.0	52	7	26		235	238		X	X	BOTT	
DISKO IS	490	68	38.0	56	20.0	52	7	27		375	405		X	X	BOTT	
DISKO IS	491	68	8.0	57	30.0	52	7	26		375	385		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 52-0006
YEAR:1952 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
SMITH SD	26	77 58.0	74 30.0	52	9	1		440	640		X	X	BOT	
SMITH SD	27	78 8.0	75 8.0	52	9	2		473	631		X	X	BOT	
SMITH SD	28	78 11.0	74 12.0	52	9	3		500	625		X	X	BOT	
SMITH SD	29	78 11.0	74 12.0	52	9	3		500	631		X	X	BOT	
SMITH SD	30	77 15.0	73 15.0	52	9	5		150	182		X	X	BOT	
BAFFIN BAY	31	72 .0	63 55.0	52	9	30		394	249		X	X	BOT	
BAFFIN BAY	32	71 .0	62 42.0	52	9	30		386	286		X	X	BOT	
BAFFIN BAY	33	70 .0	62 8.0	52	9	30		400	61		X	X	BOT	
BAFFIN BAY	34	69 .0	58 52.0	52	10	2		376	701		X	X	BOT	
DISKO IS	35	68 .0	57 52.0	52	10	2		150	246		X	X	BOT	

BOTTLE/CTD DATA SET NUMBER: 52-0007
YEAR:1952 VESSEL/AGENCY: L'AVENTURE

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	85	69 6.0	55 40.0	52	8	26		146	146		X	X	BOTT	
DISKO IS	86	70 22.0	54 22.0	52	8	26		265	265		X	X	BOTT	
DISKO IS	87	70 55.0	53 56.0	52	8	27		430			X	X	BOTT	
DISKO IS	88	70 36.0	51 58.0	52	8	27		466			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 53-0005
YEAR:1953 VESSEL/AGENCY: DANA

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
DISKO IS	621	69	.0	55	.0	53	7	24		220	230		X	X	BOTT		
DISKO IS	622	69	30.0	55	.0	53	7	25		170	180		X	X	BOTT		
DISKO IS	623	70	35.0	55	19.0	53	8	4		400	440		X	X	BOTT		
DISKO IS	624	70	39.0	55	47.0	53	8	4		500	590		X	X	BOTT		
DISKO IS	625	70	45.0	56	26.0	53	8	4		500	542		X	X	BOTT		
DISKO IS	616	68	.0	54	30.0	53	7	24		50	55		X	X	BOTT		
DISKO IS	617	68	2.0	55	15.0	53	7	24		80	90		X	X	BOTT		
DISKO IS	618	68	30.0	55	.0	53	7	24		370	400		X	X	BOTT		
DISKO IS	619	68	6.0	56	45.0	53	7	24		220	230		X	X	BOTT		
DISKO IS	620	68	4.0	56	.0	53	7	24		138	150		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0006
YEAR:1953 VESSEL/AGENCY: ATKA

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
DISKO IS	27	69	17.0	55	33.0	53	3	3		190	198		X	X	BOTT		
DISKO IS	34	69	50.0	55	55.0	53	3	14		75	97		X	X	BOTT		
DISKO IS	11	69	21.0	57	26.0	53	1	22		150	219		X	X	BOTT		
BAFFIN B	12	70	3.0	58	52.0	53	1	23		100	311		X	X	BOTT		

DISKO IS	28	71	55.0	57	31.0	53	3	6		200	229		X	X	BOTT		
DISKO IS	29	72	2.0	57	25.0	53	3	8		200	284		X	X	BOTT		
DISKO IS	33	72	36.0	57	14.0	53	3	13		100	146		X	X	BOTT		
BAFFIN B	32	73	19.0	58	48.0	53	3	13		600	640		X	X	BOTT		
BAFFIN B	30	73	7.0	61	36.0	53	3	10		300	371		X	X	BOTT		
BAFFIN B	31	73	20.0	61	.0	53	3	11		340	384		X	X	BOTT		
DISKO IS	26	68	11.0	56	7.0	53	3	2		145	174		X	X	BOTT		
DISKO IS	10	68	21.0	57	24.0	53	1	22		350	421		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 53-0007
YEAR:1953 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	14	73	55.0	59	39.0	53	9	5		400	439		X	X	BOTT		
MELV BAY	2	74	51.0	58	51.0	53	7	17		300	512		X	X	BOTT		
MELV BAY	3	74	1.0	58	19.0	53	7	22		200	219		X	X	BOTT		
BAFFIN B	25	70	27.0	68	35.0	53	10	14		50	55		X	X	BOTT		
BAFFIN B	16	72	58.0	66	10.0	53	9	6		2000	2377		X	X	BOTT		
BAFFIN B	17	72	28.0	69	18.0	53	9	6		1400	1920		X	X	BOTT		
BAFFIN B	15	73	27.0	63	.0	53	9	6		400	488		X	X	BOTT		
MELV BAY	4	74	46.0	60	.0	53	7	24		500	786		X	X	BOTT		
MELV BAY	5	75	7.0	61	45.0	53	7	24		300	549		X	X	BOTT		
MELV BAY	6	75	14.0	62	28.0	53	7	25		100	183		X	X	BOTT		
MELV BAY	1	75	57.0	63	45.0	53	7	14		100	338		X	X	BOTT		
BAFFIN B	7	75	47.0	67	27.0	53	7	29		250	256		X	X	BOTT		
BAFFIN B	8	75	35.0	68	.0	53	7	29		250	274		X	X	BOTT		
SMITH SD	20	76	33.0	68	54.0	53	9	29		20	24			X	BOTT		
SMITH SD	21	76	33.0	68	54.0	53	10	6		20	22			X	BOTT		
SMITH SD	23	76	33.0	68	54.0	53	10	12		20	22		X	X	BOTT		
SMITH SD	27	76	32.0	68	55.0	53	10	21		20	22		X	X	BOTT		
SMITH SD	19	76	32.0	69	12.0	53	9	29		220	227			X	BOTT		

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 SMITH SD      22    76 32.0  69 12.0    53 10  6     220  227       X   X BOTT
 SMITH SD      24    76 32.0  69 12.0    53 10 12     200  227       X   X BOTT
 SMITH SD      26    76 30.0  69 10.0    53 10 21     200  219       X   X BOTT
 BAFFIN B      18    72   .0  72   .0    53  9  7     300  326       X   X BOTT
 BAFFIN B      9     74 22.0  79 12.0    53  8 12     536  732       X   X BOTT
 BAFFIN B      12    75 57.0  77 10.0    53  8 25     200  201       X   X BOTT
 SMITH SD      10    76 18.0  72   .0    53  8 24     500  512       X   X BOTT
 SMITH SD      13    76 49.0  73 59.0    53  8 25     400  521       X   X BOTT
 SMITH SD      11    76  9.0  74 49.0    53  8 24     300  384       X   X BOTT

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BOTTLE/CTD DATA SET NUMBER:  53-0008
YEAR:1953      VESSEL/AGENCY: PURSUIT

   AREA        STN      LAT       LON          DATE       CAST WATER  PARAM   INSTR INT NO
                     DEG MIN  DEG MIN     YR MO DY HR   TO  DEPTH   MEAS          HR
                                                       (M)   (M)   C  S  T

 DISKO IS      10    69   .0  56 58.0    53  9  1     150  210       X   X BOTT
 DISKO IS      9     70   .0  56 30.0    53  9  1     150  155       X   X BOTT
 DISKO IS      8     71   .0  57   .0    53  8 31     300  336       X   X BOTT
 BAFFIN B      7     71 58.0  58   .0    53  8 31     200  246       X   X BOTT
 BAFFIN B      6     73 14.0  58 56.0    53  8  7     496  585       X   X BOTT
 BAFFIN B      5     73 59.0  60  2.0    53  8  6     400  493       X   X BOTT
 MELV BAY      4     75   .0  62 30.0    53  8  6     150  203       X   X BOTT
 MELV BAY      3     75 35.0  65   .0    53  8  5     130  192       X   X BOTT
 BAFFIN B      2     75 32.0  67 37.0    53  8  2     300  347       X   X BOTT
 SMITH SD      1     76 20.0  70   .0    53  8  1      95  182       X   X BOTT
 DISKO IS      11    68   .0  56 55.0    53  9  1     198  206       X   X BOTT
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BOTTLE/CTD DATA SET NUMBER: 53-0009
YEAR:1953 VESSEL/AGENCY: US NAVY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
SMITH SD	A	76 30.0	69 13.8	53 9 29				X	X		

BOTTLE/CTD DATA SET NUMBER: 53-0010
YEAR:1953 VESSEL/AGENCY: US NAVY

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
THULE		76 32.7	68 57.5	53 9 29				X	X		
THULE		76 32.7	68 57.5	53 10 6				X	X		
THULE		76 30.0	69 13.8	53 10 6				X	X		
THULE		76 32.7	68 54.0	53 10 7				X	X		
THULE		76 32.7	68 54.0	53 10 8				X	X		
THULE		76 32.7	68 54.0	53 10 9				X	X		
THULE		76 32.7	68 57.5	53 10 9				X	X		
THULE		76 32.7	68 57.5	53 10 10				X	X		
THULE		76 32.7	68 54.0	53 10 10				X	X		
THULE		76 32.7	68 54.0	53 10 11				X	X		

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THULE               76 32.7  68 65.0    53 10 12                  X  X
THULE               76 32.7  68 57.5    53 10 12                  X  X
THULE               76 30.0  69 13.8    53 10 12                  X  X
THULE               76 30.0  69 13.8    53 10 21                  X  X
THULE               76 32.7  68 57.5    53 10 21                  X  X
THULE               76 32.7  68 54.0    53 10 23                  X  X
THULE               76 32.7  68 54.0    53 10 24                  X  X

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BOTTLE/CTD DATA SET NUMBER:  53-0011
YEAR:1953     VESSEL/AGENCY:  L'AVENTURE

   AREA       STN     LAT      LON          DATE       CAST WATER  PARAM  INSTR INT NO
                   DEG MIN  DEG MIN   YR MO DY HR   TO  DEPTH   MEAS         HR
                                                    (M)  (M)    C  S  T

DISKO IS      101   69 28.0  56 28.0    53  8 16     200              X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  53-0012
YEAR:1953     VESSEL/AGENCY:  ADOLF JENSEN

   AREA       STN     LAT      LON          DATE       CAST WATER  PARAM  INSTR INT NO
                   DEG MIN  DEG MIN   YR MO DY HR   TO  DEPTH   MEAS         HR
                                                    (M)  (M)    C  S  T

DISKO IS      425   70 35.0  55 19.0    53  8  4     400  440         X  X BOTT
DISKO IS      426   70 39.0  55 47.0    53  8  4     500  590         X  X BOTT
DISKO IS      427   70 45.0  56 26.0    53  8  4     500  542         X  X BOTT
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BOTTLE/CTD DATA SET NUMBER:  54-0001
YEAR:1954     VESSEL/AGENCY:  LABRADOR

   AREA       STN      LAT       LON             DATE         CAST  WATER   PARAM   INSTR  INT NO
                     DEG MIN   DEG MIN     YR MO DY HR         TO   DEPTH    MEAS           HR
                                                              (M)    (M)    C  S  T

 BAFFIN B      27    74 52.0   76 20.0     54  8 14 11        388    466       X  X  BOTT
 BAFFIN B      28    74 45.0   77 39.0     54  8 14 13        400    457       X  X  BOTT
 BAFFIN B      29    74 32.0   78 37.0     54  8 14 15        500    585       X  X  BOTT
 BAFFIN B      30    74 32.0   79 53.0     54  8 14 17        390    631       X  X  BOTT
 BAFFIN B      26    75   .0   75   .0     54  8 14  9        475    540       X  X  BOTT
 BAFFIN B      13    75 48.0   79 52.0     54  8  5 20        485    576       X  X  BOTT
 BAFFIN B      18    75 56.0   79 57.0     54  8  6  9        125    150       X  X  BOTT
 SMITH SD      24    78 21.0   73 44.0     54  8 12 16        500    603       X  X  BOTT
 SMITH SD      25    78 20.0   73 28.0     54  8 12 17        400    512       X  X  BOTT
 SMITH SD      22    78 21.0   74 34.0     54  8 12 14        495    549       X  X  BOTT
 SMITH SD      23    78 21.0   74 16.0     54  8 12 15        460    530       X  X  BOTT
 SMITH SD      21    78 57.0   75 40.0     54  8  8 18        190    229       X  X  BOTT
 ECLIPSE        7    73 39.0   80 58.0     54  8  3 17        340    503       X  X  BOTT
 ECLIPSE        8    73 39.0   81 14.0     54  8  3 18        175    307       X  X  BOTT
 JONES SD      14    75 43.0   80 10.0     54  8  5 21        475    596       X  X  BOTT
 JONES SD      17    75 52.0   81 14.0     54  8  6  6        500    658       X  X  BOTT
 SMITH SD      19    76  3.0   80 16.0     54  8  6 10        300    366       X  X  BOTT
 SMITH SD      20    76  6.0   80 39.0     54  8  6 11        250    307       X  X  BOTT
 JONES SD      15    76  4.0   81  5.0     54  8  6  1        180    238       X  X  BOTT
 JONES SD      16    76  1.0   81 10.0     54  8  6  5        600    667       X  X  BOTT

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BOTTLE/CTD DATA SET NUMBER: 54-0006
YEAR:1954 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	673	69 15.0	51 24.0	54	7	29		345	360		X	X	BOTT	
DISKO IS	674	69 43.0	51 36.0	54	7	30		215	230		X	X	BOTT	
DISKO IS	675	69 15.0	52 .0	54	7	29		310	330		X	X	BOTT	
DISKO IS	676	69 15.0	53 6.0	54	7	29		430	460		X	X	BOTT	
DISKO IS	677	69 14.0	54 44.0	54	7	26		120	130		X	X	BOTT	
DISKO IS	678	69 29.0	54 25.0	54	7	31		140	150		X	X	BOTT	
DISKO IS	679	69 29.0	55 46.0	54	7	31		215	230		X	X	BOTT	
DISKO IS	680	69 32.0	55 8.0	54	7	31		130	145		X	X	BOTT	
DISKO IS	681	69 29.0	56 33.0	54	7	31		210	220		X	X	BOTT	
BAFFIN B	682	69 29.0	58 22.0	54	7	31		265	280		X	X	BOTT	
DISKO IS	683	70 3.0	52 40.0	54	7	30		295	310		X	X	BOTT	
DISKO IS	684	70 19.0	53 37.0	54	7	30		495	520		X	X	BOTT	
DISKO IS	685	70 35.0	55 19.0	54	7	30		220	230		X	X	BOTT	
DISKO IS	686	70 39.0	55 47.0	54	7	30		330	340		X	X	BOTT	
DISKO IS	687	70 45.0	56 26.0	54	7	30		530	560		X	X	BOTT	
DISKO IS	688	70 49.0	56 42.0	54	7	30		515	560		X	X	BOTT	
DISKO IS	689	70 58.0	57 51.0	54	7	30		330	350		X	X	BOTT	
BAFFIN B	690	70 29.0	58 1.0	54	7	31		360	380		X	X	BOTT	
BAFFIN B	691	70 .0	58 11.0	54	7	31		290	315		X	X	BOTT	
DISKO IS	667	68 .0	54 30.0	54	7	25		60	62		X	X	BOTT	
DISKO IS	668	68 24.0	54 43.0	54	7	26		245	260		X	X	BOTT	
DISKO IS	669	68 49.0	54 43.5	54	7	26		230	240		X	X	BOTT	
DISKO IS	670	68 2.0	55 15.0	54	7	25		55	58		X	X	BOTT	
DISKO IS	671	68 6.0	56 45.0	54	7	25		130	140		X	X	BOTT	
DISKO IS	672	68 4.0	56 .0	54	7	25		100	108		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 54-0007
YEAR:1954 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MELV BAY	7	75 45.0	63 .0	54	8	30		600	768		X	X	BOTT		
MELV BAY	8	75 .0	65 .0	54	8	31		300	347		X	X	BOTT		
MELV BAY	6	75 45.0	66 .0	54	8	30		494	686		X	X	BOTT		
SMITH SD	1	76 30.0	69 20.0	54	8	24		195			X	X	BOTT		
SMITH SD	5	76 29.0	69 23.0	54	8	28		100	219		X	X	BOTT		
SMITH SD	9	76 30.0	69 .0	54	8	31		100	237		X	X	BOTT		
BAFFIN B	2	74 15.0	75 32.0	54	8	27		293	732		X	X	BOTT		
BAFFIN B	3	75 30.0	73 .0	54	8	27		193	612		X	X	BOTT		
SMITH SD	4	76 15.0	70 6.0	54	8	28		387	549		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 54-0008
YEAR:1954 VESSEL/AGENCY: STATEN ISLAND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
ECLIPSE	2	72 45.0	77 53.0	54	10	6									

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BOTTLE/CTD DATA SET NUMBER:  54-0009
YEAR:1954      VESSEL/AGENCY:  CANADIAN

   AREA       STN      LAT      LON          DATE       CAST WATER  PARAM   INSTR INT NO
                     DEG MIN  DEG MIN    YR MO DY HR    TO  DEPTH   MEAS          HR
                                                        (M)  (M)   C  S  T

 BAFFIN B     10     72 52.0  75 50.0    55  5 18 12   100             X  X BOTT
 BAFFIN B     11     72 52.0  75 50.0    55  5 31 12   100             X  X BOTT
 ECLIPSE       9     72 45.0  78  5.0    55  5  6 12   100             X  X BOTT
 ECLIPSE      12     72 45.0  78  5.0    55  6 13 12   100             X  X BOTT
 ECLIPSE      13     72 45.0  78  5.0    55  6 27 12   100             X  X BOTT
 ECLIPSE      14     72 43.0  78 10.0    55  7 29 12   100             X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  55-0004
YEAR:1955      VESSEL/AGENCY:  DANA

   AREA       STN      LAT      LON          DATE       CAST WATER  PARAM   INSTR INT NO
                     DEG MIN  DEG MIN    YR MO DY HR    TO  DEPTH   MEAS          HR
                                                        (M)  (M)   C  S  T

 DISKO IS    681     69 17.0  52 39.0    55  7 29      390  410       X  X BOTT
 DISKO IS    682     69 18.0  53   .0    55  7 29      370  378       X  X BOTT
 DISKO IS    683     69 14.0  54 40.0    55  7 26      125  135       X  X BOTT
 DISKO IS   1022     69   .0  56   .0    55  9 30      144  145       X  X BOTT
 DISKO IS    684     70  3.0  52 40.0    55  7 29      520  530       X  X BOTT
 DISKO IS    685     70 19.0  53 37.0    55  7 30      480  510       X  X BOTT
 DISKO IS    686     70 35.0  55 19.0    55  7 30      280  302       X  X BOTT
 DISKO IS    687     70 39.0  55 47.0    55  7 30      430  450       X  X BOTT
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DISKO IS	688	70 45.0	56 26.0	55 7 30	590	610		X	X	BOTT	
DISKO IS	689	70 52.0	57 8.0	55 7 30	420	440		X	X	BOTT	
DISKO IS	690	70 58.0	57 51.0	55 7 30	320	340		X	X	BOTT	
DISKO IS	673	68 .0	54 30.0	55 7 26	60	68		X	X	BOTT	
DISKO IS	674	68 24.0	54 43.0	55 7 26	200	310		X	X	BOTT	
DISKO IS	675	68 49.0	54 44.0	55 7 26	260	272		X	X	BOTT	
DISKO IS	676	68 21.0	54 53.0	55 8 1	400	410		X	X	BOTT	
DISKO IS	1019	68 15.0	54 38.0	55 10 1	89	90		X	X	BOTT	
DISKO IS	677	68 6.0	55 55.0	55 7 25	130	135		X	X	BOTT	
DISKO IS	678	68 3.0	55 15.0	55 7 25	52	57		X	X	BOTT	
DISKO IS	1020	68 12.0	55 15.0	55 10 1	287	290		X	X	BOTT	
DISKO IS	679	68 9.0	56 24.0	55 7 25	225	235		X	X	BOTT	
DISKO IS	1021	68 48.0	56 33.0	55 9 30	308	310		X	X	BOTT	
DISKO IS	680	68 13.0	57 17.0	55 7 25	390	415		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 55-0005
YEAR:1955 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BAFFIN B	24	69 57.0	59 50.0	55 9 28	241	406		X	X	BOTT	
BAFFIN B	23	69 4.0	63 44.0	55 9 28	200	1554		X	X	BOTT	
BAFFIN B	25	70 59.0	64 55.0	55 9 29	250	2195		X	X	BOTT	
BAFFIN B	26	72 4.0	60 38.0	55 9 29	250	1187		X	X	BOTT	
BAFFIN B	27	72 40.0	64 42.0	55 9 29	200	2337		X	X	BOTT	
BAFFIN B	28	73 9.0	69 17.0	55 9 30	250	1829		X	X	BOTT	
MELV BAY	33	74 53.0	66 4.0	55 10 1	200	585		X	X	BOTT	
BAFFIN B	29	72 50.0	75 35.0	55 9 30	125	603		X	X	BOTT	
ECLIPSE	30	72 44.0	78 20.0	55 9 30	391	732		X	X	BOTT	
BAFFIN B	31	73 30.0	74 46.0	55 10 1	200	957		X	X	BOTT	
BAFFIN B	32	74 59.0	70 10.0	55 10 1	197	1280		X	X	BOTT	
SMITH SD	34	76 58.0	74 48.0	55 10 2	150	567		X	X	BOTT	

BAFFIN B	22	68	14.0	59	46.0	55	9	28		200	878		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 55-0006
YEAR:1955 VESSEL/AGENCY: ANTON DOHRN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	431	69	.0	56	.0	55	9	30		144	145		X	X	BOTT	
DISKO IS	432	68	48.0	56	33.0	55	9	30		308	310		X	X	BOTT	
DISKO IS	433	68	12.0	55	15.0	55	10	1		287	290		X	X	BOTT	
DISKO IS	435	68	15.0	54	38.0	55	10	1		89	90		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 55-0007
YEAR:1955 VESSEL/AGENCY: MCGILL U.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
ECLIPSE	B9	72	45.0	78	5.0	55	5	6		100				X	BOT	
BAFFIN B	B10	72	52.0	75	50.0	55	5	18		100				X	BOT	
BAFFIN B	B11	72	52.0	75	50.0	55	5	31		100				X	BOT	
ECLIPSE	B12	72	45.0	78	5.0	55	6	13		100				X	BOT	
ECLIPSE	B13	72	45.0	78	5.0	55	6	27		100			X	X	BOT	
ECLIPSE	B14	72	43.0	78	10.0	55	7	29		100				X	BOT	

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BOTTLE/CTD DATA SET NUMBER:  56-0003
YEAR:1956     VESSEL/AGENCY:  LABRADOR

   AREA       STN      LAT       LON          DATE       CAST WATER  PARAM  INSTR INT NO
                     DEG MIN   DEG MIN    YR MO DY HR    TO  DEPTH   MEAS           HR
                                                        (M)   (M)   C  S  T

BAFFIN B      192   68 43.0   65 15.0    56 10  3  6   196   210      X  X BOTT
BAFFIN B      191   71 31.0   69  4.0    56 10  2 15   173   732      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  56-0005
YEAR:1956     VESSEL/AGENCY:  DANA

   AREA       STN      LAT       LON          DATE       CAST WATER  PARAM  INSTR INT NO
                     DEG MIN   DEG MIN    YR MO DY HR    TO  DEPTH   MEAS           HR
                                                        (M)   (M)   C  S  T

DISKO IS      505   68  2.0   55 28.0    56  7 24        58    64      X  X BOTT
DISKO IS      506   68  1.0   55   .0    56  7 24        35    40      X  X BOTT
DISKO IS      507   68  6.0   56 45.0    56  7 23       240   250      X  X BOTT
DISKO IS      508   68  4.0   56   .0    56  7 23       130   140      X  X BOTT
DISKO IS      509   68  8.0   57 17.0    56  7 23       375   418      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER: 56-0006
YEAR:1956 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
DISKO IS	8	69 55.0	57 43.0	56	10	4		200	274		X	X	BOTT	
BAFFIN B	7	70 50.0	64 43.0	56	10	3		200	2103		X	X	BOTT	
BAFFIN B	6	71 48.0	60 30.0	56	10	3		200	1004		X	X	BOTT	
BAFFIN B	5	73 .0	65 .0	56	10	3		153	2158		X	X	BOTT	
MELV BAY	3	75 .0	62 .0	56	10	2		200	585		X	X	BOTT	
BAFFIN B	4	75 14.0	69 38.0	56	10	2		200	673		X	X	BOTT	
SMITH SD	1	76 15.0	71 .0	56	10	1		200	640		X	X	BOTT	
SMITH SD	2	76 17.0	74 15.0	56	10	1		200	457		X	X	BOTT	
BAFFIN B	9	68 49.0	59 30.0	56	10	4		115	1097		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 57-0001
YEAR:1957 VESSEL/AGENCY: SPAR

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BAFFIN B	24	74 16.0	77 36.0	57	9	10		490	704		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 57-0003
YEAR:1957 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		HR	
BAFFIN B	160	68	50.0	62	14.0	57	10	1	2	159	1893		X	X	BOTT		
BAFFIN B	159	68	48.0	65	15.0	57	9	30	9	250	274		X	X	BOTT		
BAFFIN B	157	70	11.0	58	33.0	57	9	29	2	250	302		X	X	BOTT		
BAFFIN B	156	71	32.0	61	3.0	57	9	28	19	500	1463		X	X	BOTT		
BAFFIN B	158	71	45.0	64	53.0	57	9	29	11	300	2103		X	X	BOTT		
BAFFIN B	155	71	54.0	69	8.0	57	9	28	9	300	2012		X	X	BOTT		
BAFFIN B	154	73	58.0	65	3.0	57	9	27	23	300	2286		X	X	BOTT		
BAFFIN B	152	73	46.0	69	11.0	57	9	27	6	288	2012		X	X	BOTT		
MELV BAY	153	74	43.0	63	12.0	57	9	27	15	199	243		X	X	BOTT		
BAFFIN B	150	75	15.0	69	40.0	57	9	26	19	281	664		X	X	BOTT		
BAFFIN B	151	74	45.0	72	57.0	57	9	26	23	227	854		X	X	BOTT		
SMITH SD	149	76	20.0	70	37.0	57	9	25	17	136	165		X	X	BOTT		
SMITH SD	148	76	21.0	73	3.0	57	9	25	14	438	563		X	X	BOTT		
SMITH SD	147	76	19.0	75	30.0	57	9	25	11	274	320		X	X	BOTT		
SMITH SD	146	76	18.0	78	4.0	57	9	25	8	250	265		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 57-0006
YEAR:1957 VESSEL/AGENCY: 01

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	268	69 17.0	52 39.0	57	7	23		340	353		X	X	BOTT		
DISKO IS	267	69 18.0	53 .0	57	7	23		360	380		X	X	BOTT		
DISKO IS	266	69 14.0	54 32.0	57	7	22		170	176			X	BOTT		
DISKO IS	264	68 24.0	54 43.0	57	7	22		275	283		X	X	BOTT		
DISKO IS	265	68 49.0	54 44.0	57	7	22		170	177			X	BOTT		
DISKO IS	262	68 2.0	55 28.0	57	7	22		55	57		X	X	BOTT		
DISKO IS	263	68 .0	55 .0	57	7	22		32	34		X	X	BOTT		
DISKO IS	260	68 7.0	56 44.0	57	7	21		140	145		X	X	BOTT		
DISKO IS	261	68 4.0	56 .0	57	7	22		85	92		X	X	BOTT		
DISKO IS	259	68 8.0	57 17.0	57	7	21		275	285		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 58-0003
YEAR:1958 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	70	69 17.0	52 39.0	58	7	25		370	390		X	X	BOTT		
DISKO IS	71	69 18.0	53 .0	58	7	26		400	435		X	X	BOTT		
DISKO IS	69	69 14.0	55 43.0	58	7	25		100	108		X	X	BOTT		
DISKO IS	67	68 23.0	54 43.0	58	7	24		370	390		X	X	BOTT		

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 DISKO IS        68    68 49.0  54 43.0     58   7 25     340   360       X   X BOTT
 DISKO IS        65    68   .0  55 28.0     58   7 24      70    76       X   X BOTT
 DISKO IS        66    68   .0  55   .0     58   7 24      45    49       X   X BOTT
 DISKO IS        72    68  6.0  55  3.0     58   7 29      34    36           X BOTT
 DISKO IS        63    68  7.0  56 44.0     58   7 24     220   232       X   X BOTT
 DISKO IS        64    68  4.0  56   .0     58   7 24     130   138       X   X BOTT
 DISKO IS        62    68  8.0  57 17.0     58   7 24     370   390       X   X BOTT

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BOTTLE/CTD DATA SET NUMBER:  58-0004
YEAR:1958     VESSEL/AGENCY:  WESTWIND

  AREA          STN      LAT      LON            DATE          CAST WATER   PARAM   INSTR INT NO
                       DEG MIN  DEG MIN     YR MO DY HR      TO  DEPTH    MEAS          HR
                                                            (M)   (M)    C  S  T

THULE            1     76 33.0  68 55.0     58   9 13      20    25        X  X BOTT
THULE            2     76 31.0  69 14.0     58   9 13      50   232        X  X BOTT
THULE            3     76 29.0  69 31.0     58   9 13      50   201        X  X BOTT
THULE            4     76 27.0  69 45.0     58   9 13      50   210        X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 58-0005
YEAR:1958 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT NO HR
DISKO IS	6	69 57.0	57 31.0	58	9	21		143	269		X	X	BOTT	
BAFFIN B	9	70 45.0	65 .0	58	9	23		150	2067		X	X	BOTT	
BAFFIN B	10	71 50.0	60 40.0	58	9	23		150	1189		X	X	BOTT	
BAFFIN B	12	71 50.0	69 24.0	58	9	24		150	2103		X	X	BOTT	
BAFFIN B	11	73 .0	65 .0	58	9	23		150	3749		X	X	BOTT	
BAFFIN B	13	73 35.0	69 17.0	58	9	24		150	1920		X	X	BOTT	
MELV BAY	14	74 59.0	62 14.0	58	9	25		149	442		X	X	BOTT	
BAFFIN B	15	74 58.0	69 22.0	58	9	25		150	1006		X	X	BOTT	
BAFFIN B	16	74 30.0	72 30.0	58	9	25		150	1002		X	X	BOTT	
BAFFIN B	17	75 57.0	72 30.0	58	9	26		150	358		X	X	BOTT	
SMITH SD	18	77 41.0	73 48.0	58	9	26		150	412		X	X	BOTT	
BAFFIN B	7	68 57.0	59 22.0	58	9	22		150	841		X	X	BOTT	
BAFFIN B	8	68 39.0	65 31.0	58	9	22		55	59		X	X	BOTT	

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BOTTLE/CTD DATA SET NUMBER:  59-0005
YEAR:1959      VESSEL/AGENCY:  _WESTWIND

    AREA        STN      LAT       LON           DATE        CAST WATER   PARAM  INSTR INT NO
                       DEG MIN   DEG MIN     YR MO DY HR     TO  DEPTH   MEAS          HR
                                                             (M)  (M)    C  S  T

 DISKO IS       32     69 59.0   57 34.0     59 10 17        241   293      X  X BOTT
 BAFFIN B       33     69   .0   64 26.0     59 10 17        211   201      X  X BOTT
 BAFFIN B        4     70 50.0   65   .0     59  9  6       2100  2113      X  X BOTT
 BAFFIN B        3     71 44.0   61 28.0     59  9  6       1267  1756      X  X BOTT
 BAFFIN B        5     71 59.0   68 43.0     59  9  7       1223  1875      X  X BOTT
 BAFFIN B        2     73   .0   65   .0     59  9  5        149  2220      X  X BOTT
 BAFFIN B       31     73   .0   65   .0     59 10 16       2146  2286      X  X BOTT
 BAFFIN B        6     73 20.0   69 30.0     59  9  7       1477  1829      X  X BOTT
 MELV BAY        1     74 45.0   62 25.0     59  9  5        298   338      X  X BOTT
 BAFFIN B        8     75   .0   69 30.0     59  9  8        802   878      X  X BOTT
 SMITH SD       11     76 34.0   68 56.0     59  9 15         40    41      X  X BOTT
 SMITH SD       12     76 33.0   68 56.0     59  9 15         35    35      X  X BOTT
 SMITH SD       13     76 33.0   68 56.0     59  9 15         15    16      X  X BOTT
 SMITH SD       14     76 33.0   68 56.0     59  9 15         15    16      X  X BOTT
 SMITH SD       15     76 34.0   68 56.0     59  9 21         35    34      X  X BOTT
 SMITH SD       16     76 33.0   68 56.0     59  9 21         30    33      X  X BOTT
 SMITH SD       17     76 33.0   68 56.0     59  9 21         15    17      X  X BOTT
 SMITH SD       18     76 33.0   68 56.0     59  9 21         15    17      X  X BOTT
 SMITH SD       19     76 34.0   68 56.0     59  9 28         35    38      X  X BOTT
 SMITH SD       20     76 33.0   68 56.0     59  9 28         30    33      X  X BOTT
 SMITH SD       21     76 33.0   68 56.0     59  9 28         15    17      X  X BOTT
 SMITH SD       22     76 33.0   68 56.0     59  9 28         15    17      X  X BOTT
 SMITH SD       23     76 34.0   68 56.0     59 10  5         40    41      X  X BOTT
 SMITH SD       24     76 33.0   68 56.0     59 10  5         30    35      X  X BOTT
 SMITH SD       25     76 33.0   68 56.0     59 10  5         15    16      X  X BOTT
 SMITH SD       26     76 33.0   68 56.0     59 10  5         15    20      X  X BOTT
 SMITH SD       27     76 33.0   68 56.0     59 10 12         15    16      X  X BOTT
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  SMITH SD      28    76 33.0  68 56.0    59 10 12       15    18       X  X BOTT
  SMITH SD      29    76 33.0  68 56.0    59 10 12       25    27       X  X BOTT
  SMITH SD      30    76 34.0  68 56.0    59 10 12       35    45       X  X BOTT
  BAFFIN B       7    74 25.0  72 32.0    59  9  8      984   933       X  X BOTT
  SMITH SD       9    76 11.0  74   .0    59  9  9      394   402       X  X BOTT
  SMITH SD      10    78   .0  74   .0    59  9  9      423   567       X  X BOTT
  BAFFIN B      34    68 45.0  59 22.0    59 10 18      176   768       X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  59-0006
YEAR:1959      VESSEL/AGENCY:  DANA

   AREA        STN      LAT      LON         DATE      CAST WATER   PARAM  INSTR INT NO
                     DEG MIN  DEG MIN    YR MO DY HR   TO  DEPTH    MEAS          HR
                                                       (M)  (M)    C  S  T

  DISKO IS     170    68  2.0  55 28.0    59  7 25       65    74       X  X BOTT
  DISKO IS     171    68   .0  55   .0    59  7 25       35    44       X  X BOTT
  DISKO IS     168    68  7.0  56 44.0    59  7 25      170   173       X  X BOTT
  DISKO IS     169    68  4.0  56   .0    59  7 25      105   114       X  X BOTT
  DISKO IS     167    68  8.0  57 17.0    59  7 25      247   257       X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 59-0007
YEAR:1959 VESSEL/AGENCY: GAUSS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
DISKO IS	11	71 26.0	51 59.0	59	8	5	7	200	228		X	X	BOTT		
DISKO IS	14	71 28.0	51 56.0	59	8	5	11	200	265		X	X	BOTT		
DISKO IS	15	71 27.0	51 54.0	59	8	5	12	500	531		X	X	BOTT		
DISKO IS	16	71 26.0	51 54.0	59	8	5	14	200	276		X	X	BOTT		
DISKO IS	17	71 27.0	51 48.0	59	8	5	16	200	248		X	X	BOTT		
DISKO IS	18	71 28.0	51 48.0	59	8	5	17	500	515		X	X	BOTT		
DISKO IS	19	71 29.0	51 50.0	59	8	5	19	200	282		X	X	BOTT		
DISKO IS	20	71 30.0	51 44.0	59	8	5	21	200	238		X	X	BOTT		
DISKO IS	21	71 29.0	51 43.0	59	8	5	22	500	500		X	X	BOTT		
DISKO IS	22	71 27.0	51 42.0	59	8	6	0	250	334		X	X	BOTT		
DISKO IS	23	71 28.0	51 37.0	59	8	6	1	200	228		X	X	BOTT		
DISKO IS	24	71 29.0	51 38.0	59	8	6	3	460	481		X	X	BOTT		
DISKO IS	25	71 30.0	51 38.0	59	8	6	5	240	276		X	X	BOTT		
DISKO IS	26	71 30.0	51 30.0	59	8	6	7	240	275		X	X	BOTT		
DISKO IS	27	71 29.0	51 31.0	59	8	6	8	330	341		X	X	BOTT		
DISKO IS	28	71 28.0	51 31.0	59	8	6	10	200	233		X	X	BOTT		
DISKO IS	29	71 27.0	51 28.0	59	8	6	11	175	187		X	X	BOTT		
DISKO IS	30	71 28.0	51 27.0	59	8	6	12	300	320		X	X	BOTT		
DISKO IS	31	71 29.0	51 24.0	59	8	6	14	250	260		X	X	BOTT		
DISKO IS	32	71 29.0	51 25.0	59	8	8	6	280	285		X	X	BOTT		
DISKO IS	33	71 29.0	51 25.0	59	8	8	12	280	285		X	X	BOTT		
DISKO IS	34	71 29.0	51 25.0	59	8	8	13	280	285		X	X	BOTT		
DISKO IS	35	71 27.0	51 35.0	59	8	8	21	180	180		X	X	BOTT		
DISKO IS	36	71 27.0	51 35.0	59	8	9	3	175	180		X	X	BOTT		
DISKO IS	37	71 27.0	51 35.0	59	8	9	9	125	180		X	X	BOTT		
DISKO IS	65	71 29.0	51 31.0	59	8	14	10	300	346		X	X	BOTT		
DISKO IS	66	71 27.0	51 31.0	59	8	14	11	230	263		X	X	BOTT		

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DISKO IS     67    71 27.0  51 28.0    59  8 14 11  200  209     X  X BOTT
DISKO IS     68    71 28.0  51 25.0    59  8 14 12  250  304     X  X BOTT
DISKO IS     69    71 29.0  51 24.0    59  8 14 13  250  274     X  X BOTT
DISKO IS     70    71 30.0  51 30.0    59  8 14 15  200  233     X  X BOTT
DISKO IS     72    71 29.0  51 38.0    59  8 14 16  468  481     X  X BOTT
DISKO IS     71    71 30.0  51 38.0    59  8 14 16  200  212     X  X BOTT
DISKO IS     73    71 28.0  51 37.0    59  8 14 18  200  273     X  X BOTT
DISKO IS     74    71 27.0  51 42.0    59  8 14 19  400  458     X  X BOTT
DISKO IS     75    71 28.0  51 43.0    59  8 14 20  493  510     X  X BOTT
DISKO IS     76    71 30.0  51 44.0    59  8 14 22  220  291     X  X BOTT
DISKO IS     78    71 28.0  51 49.0    59  8 14 23  492  518     X  X BOTT
DISKO IS     77    71 29.0  51 50.0    59  8 14 23  220  293     X  X BOTT
DISKO IS     79    71 27.0  51 48.0    59  8 15  0  200  214     X  X BOTT
DISKO IS     80    71 26.0  51 54.0    59  8 15  1  200  469     X  X BOTT
DISKO IS     81    71 27.0  51 54.0    59  8 15  2  500  531     X  X BOTT
DISKO IS     82    71 28.0  51 56.0    59  8 15  3  150  260     X  X BOTT
DISKO IS     85    71 26.0  51 59.0    59  8 15  7  400  500     X  X BOTT
DISKO IS     95    71 27.0  51 35.0    59  8 16  0   50   62     X  X BOTT
DISKO IS      1    71 24.0  52 15.0    59  8  3 19  500  498     X  X BOTT
DISKO IS      2    71 23.0  52 17.0    59  8  4 16  230  262     X  X BOTT
DISKO IS      3    71 23.0  52 16.0    59  8  4 17  500  550     X  X BOTT
DISKO IS      4    71 22.0  52 15.0    59  8  4 19  125  236     X  X BOTT
DISKO IS      5    71 23.0  52  9.0    59  8  4 21  175  197     X  X BOTT
DISKO IS      6    71 24.0  52 11.0    59  8  4 22  550  552     X  X BOTT
DISKO IS      7    71 25.0  52 13.0    59  8  5  0  250  337     X  X BOTT
DISKO IS      8    71 26.0  52  7.0    59  8  5  2  350  434     X  X BOTT
DISKO IS      9    71 25.0  52  5.0    59  8  5  3  500  548     X  X BOTT
DISKO IS     10    71 25.0  52  4.0    59  8  5  5  200  321     X  X BOTT
DISKO IS     12    71 26.0  52   .0    59  8  5  8  500  542     X  X BOTT
DISKO IS     13    71 27.0  52  2.0    59  8  5 10  200  286     X  X BOTT
DISKO IS     38    71 24.0  52 16.0    59  8 10  1  200  490     X  X BOTT
DISKO IS     39    71 24.0  52 16.0    59  8 10  3  400  490     X  X BOTT
DISKO IS     40    71 24.0  52 16.0    59  8 10  5  400  490     X  X BOTT
DISKO IS     41    71 24.0  52 16.0    59  8 10  7  400  490     X  X BOTT
DISKO IS     42    71 24.0  52 16.0    59  8 10  9  400  490     X  X BOTT
DISKO IS     43    71 24.0  52 16.0    59  8 10 11  400  490     X  X BOTT
DISKO IS     44    71 24.0  52 16.0    59  8 10 13  400  490     X  X BOTT
DISKO IS     45    71 24.0  52 16.0    59  8 10 15  400  490     X  X BOTT
DISKO IS     46    71 24.0  52 16.0    59  8 10 17  400  490     X  X BOTT
DISKO IS     47   71 24.0  52 16.0    59  8 10 19  400  490       X  X BOTT
DISKO IS     48   71 24.0  52 16.0    59  8 10 21  400  490       X  X BOTT
DISKO IS     49   71 24.0  52 16.0    59  8 10 23  400  490       X  X BOTT
DISKO IS     50   71 24.0  52 16.0    59  8 11  1  400  490       X  X BOTT
DISKO IS     51   71 24.0  52 16.0    59  8 11  3  400  490       X  X BOTT
DISKO IS     52   71 24.0  52 10.0    59  8 11 14  300  320       X  X BOTT
DISKO IS     53   71 24.0  52 10.0    59  8 11 16  300  320       X  X BOTT
DISKO IS     54   71 24.0  52 10.0    59  8 11 18  300  320       X  X BOTT
DISKO IS     55   71 24.0  52 10.0    59  8 11 20  300  320       X  X BOTT
DISKO IS     56   71 24.0  52 10.0    59  8 11 22  300  320       X  X BOTT
DISKO IS     57   71 24.0  52 10.0    59  8 12  0  300  320       X  X BOTT
DISKO IS     58   71 24.0  52 10.0    59  8 12  2  300  320       X  X BOTT
DISKO IS     59   71 24.0  52 10.0    59  8 12  4  300  320       X  X BOTT
DISKO IS     60   71 24.0  52 10.0    59  8 12  6  300  320       X  X BOTT
DISKO IS     61   71 24.0  52 10.0    59  8 12  8  300  320       X  X BOTT
DISKO IS     62   71 24.0  52 10.0    59  8 12 10  300  320       X  X BOTT
DISKO IS     63   71 24.0  52 10.0    59  8 12 12  300  320       X  X BOTT
DISKO IS     64   71 24.0  52 10.0    59  8 12 14  300  320       X  X BOTT
DISKO IS     83   71 27.0  52  2.0    59  8 15  4  300  474       X  X BOTT
DISKO IS     84   71 26.0  52   .0    59  8 15  5  500  542       X  X BOTT
DISKO IS     86   71 25.0  52  4.0    59  8 15  8  300  346       X  X BOTT
DISKO IS     87   71 25.0  52  5.0    59  8 15  9  500  548       X  X BOTT
DISKO IS     88   71 26.0  52  7.0    59  8 15 10  200  296       X  X BOTT
DISKO IS     89   71 25.0  52 12.0    59  8 15 11  200  354       X  X BOTT
DISKO IS     90   71 24.0  52 11.0    59  8 15 12  480  553       X  X BOTT
DISKO IS     91   71 24.0  52 10.0    59  8 15 14  200  321       X  X BOTT
DISKO IS     92   71 22.0  52 15.0    59  8 15 15  200  338       X  X BOTT
DISKO IS     93   71 23.0  52 16.0    59  8 15 15  500  550       X  X BOTT
DISKO IS     94   71 24.0  52 17.0    59  8 15 17  200  277       X  X BOTT
DISKO IS     96   71   .0  53 12.0    59  8 16 22   23  525       X  X BOTT
DISKO IS     97   71   .0  54 20.0    59  8 17  1   23  538       X  X BOTT
DISKO IS     98   71   .0  55 15.0    59  8 17  3   23  483       X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 60-0005
YEAR:1960 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	84	69	1.0	58	5.0	60	9	22	12	200	307		X	X	BOTT		
BAFFIN B	83	68	38.0	60	5.0	60	9	22	8	1400			X	X	BOTT		
BAFFIN B	82	68	20.0	62	5.0	60	9	22	2	1450			X	X	BOTT		
BAFFIN B	81	68	9.5	63	25.0	60	9	21	22	1200	1280		X	X	BOTT		
BAFFIN B	80	68	3.0	64	30.0	60	9	21	18	75	82		X	X	BOTT		
BAFFIN B	79	69	32.0	64	43.0	60	9	21	9	800			X	X	BOTT		
BAFFIN B	75	70	44.5	63	50.0	60	9	20	19	792	2012		X	X	BOTT		
BAFFIN B	76	70	24.5	65	16.0	60	9	20	23	800			X	X	BOTT		
BAFFIN B	77	70	12.5	65	55.0	60	9	21	2	532	594		X	X	BOTT		
BAFFIN B	78	70	5.0	66	42.0	60	9	21	4	100	106		X	X	BOTT		
BAFFIN B	73	71	17.5	62	30.0	60	9	20	11	700			X	X	BOTT		
BAFFIN B	74	71	3.0	62	45.0	60	9	20	15	2054	2158		X	X	BOTT		
BAFFIN B	72	71	41.0	64	30.0	60	9	20	7	776			X	X	BOTT		
BAFFIN B	69	71	54.3	69	22.0	60	9	19	12	1800	1884		X	X	BOTT		
BAFFIN B	71	72	47.0	65	35.0	60	9	19	23	2200	2377		X	X	BOTT		
BAFFIN B	70	72	12.5	68	5.5	60	9	19	16	2200	2241		X	X	BOTT		
BAFFIN B	62	73	56.0	69	.0	60	9	18	3	1721	1875		X	X	BOTT		
BAFFIN B	67	71	31.0	70	51.0	60	9	19	6	170	188		X	X	BOTT		
BAFFIN B	68	71	40.0	70	23.0	60	9	19	8	720			X	X	BOTT		
BAFFIN B	65	72	40.0	74	9.0	60	9	18	18	640	677		X	X	BOTT		
BAFFIN B	66	72	31.5	74	39.5	60	9	18	20	160			X	X	BOTT		
BAFFIN B	63	73	28.0	71	35.0	60	9	18	10	950	1134		X	X	BOTT		
BAFFIN B	64	73	10.0	73	11.0	60	9	18	14	846	914		X	X	BOTT		
BAFFIN B	58	73	40.0	76	22.0	60	9	17	7	656			X	X	BOTT		
ECLIPSE	57	73	30.0	77	.0	60	9	17	5	492			X	X	BOTT		
BAFFIN B	61	74	52.0	71	7.0	60	9	17	20	750			X	X	BOTT		
BAFFIN B	60	74	16.5	73	44.0	60	9	17	14	535	690		X	X	BOTT		

BAFFIN B	59	74	14.0	79	30.0	60	9	17	11	705	760		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 60-0009
YEAR:1960 VESSEL/AGENCY: _WESTWIND

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
BAFFIN B	28	69	.0	64	25.0	60	9	9		230	247		X	X	BOTT	
DISKO BT	11	70	2.0	57	41.0	60	9	3		250	302		X	X	BOTT	
BAFFIN B	10	70	50.0	64	57.0	60	9	2		2000	2131		X	X	BOTT	
BAFFIN B	9	71	45.0	61	15.0	60	9	2		384	1561		X	X	BOTT	
BAFFIN B	8	71	55.0	69	38.0	60	9	1		293	1838		X	X	BOTT	
BAFFIN B	7	73	.0	65	3.0	60	8	31		2200	2266		X	X	BOTT	
BAFFIN B	6	73	21.0	69	37.0	60	8	31		1658	1792		X	X	BOTT	
MELV BAY	4	74	50.0	62	37.0	60	8	30		200	346		X	X	BOTT	
BAFFIN B	3	75	1.0	69	32.0	60	8	29		700	759		X	X	BOTT	
BAFFIN B	5	74	25.0	73	6.0	60	8	31		850	914		X	X	BOTT	
SMITH SD	2	76	18.0	74	.0	60	8	29		400	430		X	X	BOTT	
SMITH SD	1	78	.0	73	58.0	60	8	28		360	457		X	X	BOTT	
BAFFIN B	12	68	47.0	59	20.0	60	9	3		591	649		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0004
YEAR:1961 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
BAFFIN B	109	69	41.0	58	9.0	61	9	28	11	250	293		X	X	BOTT	
BAFFIN B	112	68	52.0	63	17.0	61	9	29	6	1500	1610		X	X	BOTT	
BAFFIN B	113	68	37.0	64	18.0	61	9	29	10	150	200		X	X	BOTT	
BAFFIN B	114	68	33.0	65	21.0	61	9	29	13	30	77		X	X	BOTT	
BAFFIN B	110	69	20.0	60	.0	61	9	28	17	1500	1700		X	X	BOTT	
BAFFIN B	111	69	5.0	61	48.0	61	9	28	23	1474	1890		X	X	BOTT	
DISKO IS	108	70	.0	55	58.0	61	9	28	6	123	154		X	X	BOTT	
BAFFIN B	105	71	53.0	59	47.0	61	9	27	1	544	596		X	X	BOTT	
DISKO IS	106	72	30.0	57	30.0	61	9	27	8	214	247		X	X	BOTT	
MELV BAY	90	74	19.5	58	33.0	61	9	21	4	400	457		X	X	BOTT	
MELV BAY	89	74	56.0	59	15.0	61	9	20	23	190	226		X	X	BOTT	
BAFFIN B	107	70	45.0	60	.0	61	9	27	19	567	612		X	X	BOTT	
BAFFIN B	102	70	45.0	64	15.0	61	9	26	6	1995	2177		X	X	BOTT	
BAFFIN B	101	70	26.0	65	18.0	61	9	26	1	1182	1244		X	X	BOTT	
BAFFIN B	99	70	6.5	66	58.0	61	9	25	19	70	77		X	X	BOTT	
BAFFIN B	100	70	18.0	66	.0	61	9	25	22	125	168		X	X	BOTT	
BAFFIN B	104	71	22.0	61	55.0	61	9	26	17	1988	2085		X	X	BOTT	
BAFFIN B	103	71	5.0	63	7.0	61	9	26	11	1978	2195		X	X	BOTT	
BAFFIN B	98	71	30.0	65	.0	61	9	25	8	1995	2286		X	X	BOTT	
BAFFIN B	95	71	57.0	69	10.5	61	9	24	11	1498	1930		X	X	BOTT	
BAFFIN B	93	72	47.0	65	33.0	61	9	22	0	2000	2395		X	X	BOTT	
BAFFIN B	94	72	13.7	68	.0	61	9	24	6	1982	2320		X	X	BOTT	
BAFFIN B	92	73	30.0	63	.0	61	9	21	16	500	523		X	X	BOTT	
MELV BAY	91	74	3.0	60	.0	61	9	21	9	500	567		X	X	BOTT	
MELV BAY	88	75	.0	64	.0	61	9	20	16	172	223		X	X	BOTT	
BAFFIN B	85	75	44.0	67	24.0	61	9	19	22	300	338		X	X	BOTT	
BAFFIN B	86	75	14.0	69	30.0	61	9	20	3	600	681		X	X	BOTT	

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BAFFIN B    87   75   .0  69   .0    61  9 20  6   900  942    X  X BOTT
BAFFIN B    96   71 40.0  70 20.0    61  9 24 16   293  348    X  X BOTT
BAFFIN B    97   71 33.0  70 56.0    61  9 24 19   175  192    X  X BOTT
BAFFIN B    80   73 44.0  76 23.0    61  9 18 19   818  914    X  X BOTT
ECLIPSE     79   73 33.0  77  7.0    61  9 18 15   800 1030    X  X BOTT
ECLIPSE     65   73 56.3  79 56.5    61  9 15 10   750  823    X  X BOTT
BAFFIN B    84   74 52.0  71  8.0    61  9 19 12   950 1019    X  X BOTT
BAFFIN B    83   74 30.0  72 30.0    61  9 19  7   887  982    X  X BOTT
BAFFIN B    82   74 17.0  73 44.0    61  9 19  3   685  736    X  X BOTT
BAFFIN B    81   74  2.0  75   .0    61  9 18 23   744  805    X  X BOTT
BAFFIN B    70   74 50.0  76 20.0    61  9 16  2   350  384    X  X BOTT
BAFFIN B    69   74 40.0  77 28.0    61  9 15 23   249  300    X  X BOTT
BAFFIN B    68   74 30.0  78 37.0    61  9 15 20   570  603    X  X BOTT
BAFFIN B    66   74  7.0  79 30.0    61  9 15 13   775  814    X  X BOTT
BAFFIN B    67   74 18.5  79  4.0    61  9 15 17   650  713    X  X BOTT
BAFFIN B    78   75   .0  75   .0    61  9 18  3   550  612    X  X BOTT
BAFFIN B    72   75 42.0  76 21.0    61  9 16 12   300  338    X  X BOTT
BAFFIN B    71   75 30.5  78 25.0    61  9 16  8   435  492    X  X BOTT
SMITH SD    74   76 18.0  71   .0    61  9 16 23   650  677    X  X BOTT
SMITH SD    75   76 58.0  71 52.0    61  9 17  5   949 1033    X  X BOTT
SMITH SD    73   76   .0  74   .0    61  9 16 17   375  411    X  X BOTT
SMITH SD    76   76 54.0  74 20.0    61  9 17 11   396  521    X  X BOTT
SMITH SD    77   76 51.0  75 54.0    61  9 17 15   346  460    X  X BOTT
SMITH SD     8   77  9.0  75 45.0    61  8 23 19   500  564    X  X BOTT
SMITH SD     7   78   .0  73 44.0    61  8 23 12   300  366    X  X BOTT
SMITH SD     5   78 54.3  75 45.5    61  8 21 23    40   44    X  X BOTT
SMITH SD     6   78 54.0  75 45.5    61  8 22 16    30   36    X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 61-0010
YEAR:1961 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	60	69 52.0	55 58.0	61	9	16		105	119		X	X	BOTT		
BAFFIN B	71	69 12.0	60 5.0	61	9	27		1533	1701		X	X	BOTT		
MELV BAY	61	74 58.0	58 59.0	61	9	17		280	303		X	X	BOTT		
BAFFIN B	70	70 40.0	60 4.0	61	9	27		388	640		X	X	BOTT		
BAFFIN B	69	71 30.0	65 8.0	61	9	27		2220	2332		X	X	BOTT		
BAFFIN B	68	71 42.0	68 35.0	61	9	26		1950	2085		X	X	BOTT		
BAFFIN B	67	72 58.0	62 55.0	61	9	26		1000	2030		X	X	BOTT		
MELV BAY	62	74 58.0	64 .0	61	9	17		220	230		X	X	BOTT		
BAFFIN B	66	75 .0	70 .0	61	9	25		841	914		X	X	BOTT		
BAFFIN B	64	75 55.0	74 30.0	61	9	25		340	384		X	X	BOTT		
BAFFIN B	65	75 .0	74 59.0	61	9	25		480	510		X	X	BOTT		
SMITH SD	63	78 5.0	74 18.0	61	9	24		516	631		X	X	BOTT		
BAFFIN B	72	68 30.0	65 5.0	61	9	28		68	86		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 61-0011
YEAR:1961 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	365	68	5.0	55	54.0	61	7	30		115	120		X	X	BOTT	
DISKO IS	366	68	2.0	55	28.0	61	7	30		95	99		X	X	BOTT	
DISKO IS	367	68	.0	55	.0	61	7	30		40	43		X	X	BOTT	
DISKO IS	364	68	7.0	56	44.0	61	7	30		210	220		X	X	BOTT	
DISKO IS	363	68	8.0	57	17.0	61	7	30		310	325		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 61-0012
YEAR:1961 VESSEL/AGENCY: DEVON IS. EXP.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
JONES SD	1	75	45.0	84	35.0	61	11	13	10	80	80		X	X	BOTT	
JONES SD	2	75	45.0	84	35.0	61	11	27	10	78	80		X	X	BOTT	
JONES SD	3	75	45.0	84	35.0	61	12	24	10	78	80		X	X	BOTT	
JONES SD	4	75	45.0	84	35.0	62	1	9	10	80	80		X	X	BOTT	
JONES SD	5	75	45.0	84	35.0	62	1	21	10	80	80		X	X	BOTT	
JONES SD	6	75	45.0	84	35.0	62	2	3	10	80	80		X	X	BOTT	
JONES SD	7	75	45.0	84	35.0	62	2	18	10	80	80		X	X	BOTT	
JONES SD	8	75	45.0	84	35.0	62	3	5	10	80	80		X	X	BOTT	
JONES SD	9	75	45.0	84	35.0	62	3	19	10	80	80		X	X	BOTT	

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 JONES SD      10     75 45.0  84 35.0     62  4  2 10   80    80         X  X BOTT
 JONES SD      11     75 45.0  84 35.0     62  4 16 10   80    80         X  X BOTT
 JONES SD      12     75 45.0  84 35.0     62  5  1 10   80    80         X  X BOTT
 JONES SD      13     75 45.0  84 35.0     62  5 26 10   80    80         X  X BOTT
 JONES SD      14     75 45.0  84 35.0     62  6 12 10   80    80         X  X BOTT
 JONES SD      15     75 45.0  84 35.0     62  6 29 10   80    80         X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  62-0006
YEAR:1962     VESSEL/AGENCY:  MACDONALD

   AREA        STN      LAT       LON           DATE       CAST WATER  PARAM  INSTR INT NO
                      DEG MIN  DEG MIN     YR MO DY HR   TO  DEPTH   MEAS          HR
                                                         (M)   (M)   C  S  T

 JONES SD      25     75 39.0  87   .0     62  8 15  3   30    40         X  X BOTT
 JONES SD      26     75 52.0  87   .0     62  8 15  5  300   402         X  X BOTT
 JONES SD      24     76  1.0  81 23.0     62  8 14 10  700   732         X  X BOTT
 JONES SD      27     76  5.0  87   .0     62  8 15  8  600   616         X  X BOTT
 JONES SD      28     76 18.0  87   .0     62  8 15 11  400   435         X  X BOTT
 JONES SD-     29     76 23.0  89 22.0     62  8 15 15  150   181         X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 62-0007
YEAR:1962 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		
BAFFIN B	68	68	46.0	64	.0	62	10	13	4	1149	1400		X	X	BOTT	
BAFFIN B	66	69	20.0	60	.0	62	10	12	14	1500	1646		X	X	BOTT	
BAFFIN B	67	69	1.0	62	.0	62	10	12	21	1687	1903		X	X	BOTT	
DISKO IS	65	70	.0	56	.0	62	10	12	4	100	128		X	X	BOTT	
MELV BAY	56	75	.0	59	37.0	62	10	9	0	100	109		X	X	BOTT	
BAFFIN B	64	70	45.0	60	.0	62	10	11	18	447	517		X	X	BOTT	
BAFFIN B	63	71	30.0	65	.0	62	10	11	5	2200	2305		X	X	BOTT	
BAFFIN B	61	71	45.0	69	.0	62	10	10	12	1800	1920		X	X	BOTT	
BAFFIN B	59	72	58.0	64	47.0	62	10	9	21	2200	2332		X	X	BOTT	
BAFFIN B	60	72	21.0	67	.0	62	10	10	5	2288	2413		X	X	BOTT	
BAFFIN B	58	73	30.0	63	.0	62	10	9	14	500	545		X	X	BOTT	
MELV BAY	57	74	30.0	60	20.0	62	10	9	4	608	759		X	X	BOTT	
MELV BAY	55	74	59.0	63	58.0	62	10	8	17	149	177		X	X	BOTT	
BAFFIN B	54	75	37.0	67	40.0	62	10	8	7	275	310		X	X	BOTT	
BAFFIN B	62	71	29.0	70	.0	62	10	10	18	555	713		X	X	BOTT	
BAFFIN B	51	73	34.0	76	45.0	62	10	7	6	935	997		X	X	BOTT	
BAFFIN B	52	74	6.5	74	16.0	62	10	7	12	700	777		X	X	BOTT	
BAFFIN B	53	75	.0	70	4.0	62	10	7	23	764	844		X	X	BOTT	
BAFFIN B	50	75	4.0	75	5.0	62	10	6	18	500	539		X	X	BOTT	
BAFFIN B	47	75	43.0	77	.0	62	10	5	18	250	292		X	X	BOTT	
BAFFIN B	46	75	26.0	79	22.0	62	10	5	11	495	600		X	X	BOTT	
SMITH SD	49	76	15.0	70	42.0	62	10	6	8	600	681		X	X	BOTT	
SMITH SD	9	76	59.5	74	28.0	62	9	27	22	575	603		X	X	BOTT	
SMITH SD	48	76	.0	74	.0	62	10	6	1	360	402		X	X	BOTT	
SMITH SD	7	77	.0	72	.0	62	9	27	13	997	1053		X	X	BOTT	
SMITH SD	4	77	30.0	73	.0	62	9	26	23	148	174		X	X	BOTT	
SMITH SD	8	77	.0	73	.0	62	9	27	18	300	388		X	X	BOTT	

SMITH SD	5	77 30.0	74 .0	62	9	27	3	241	329		X	X	BOTT		
SMITH SD	6	77 31.0	74 54.0	62	9	27	6	710	735		X	X	BOTT		
SMITH SD	10	77 .0	76 .0	62	9	28	2	400	435		X	X	BOTT		
SMITH SD	11	77 .0	77 .0	62	9	28	6	174	183		X	X	BOTT		
SMITH SD	1	78 .5	73 .0	62	9	26	11	110	119		X	X	BOTT		
SMITH SD	2	78 .5	74 .0	62	9	26	14	555	567		X	X	BOTT		
SMITH SD	3	78 .0	75 .0	62	9	26	18	630	677		X	X	BOTT		
JONES SD	14	75 58.0	81 41.0	62	9	29	4	584	640		X	X	BOTT		
JONES SD	15	75 53.2	81 38.0	62	9	29	7	381	442		X	X	BOTT		
JONES SD	16	75 54.5	82 28.0	62	9	29	9	490	576		X	X	BOTT		
JONES SD	22	75 58.0	84 14.0	62	9	30	3	495	558		X	X	BOTT		
JONES SD	23	75 53.0	84 4.0	62	9	30	5	100	120		X	X	BOTT		
JONES SD	12	76 7.0	81 31.0	62	9	28	23	110	292		X	X	BOTT		
JONES SD	13	76 4.0	81 31.0	62	9	29	1	638	732		X	X	BOTT		
JONES SD	17	76 3.0	82 34.0	62	9	29	11	591	753		X	X	BOTT		
JONES SD	18	76 10.0	82 34.0	62	9	29	15	588	647		X	X	BOTT		
JONES SD	19	76 17.5	82 45.0	62	9	29	17	544	622		X	X	BOTT		
JONES SD	20	76 10.0	84 26.0	62	9	29	21	110	122		X	X	BOTT		
JONES SD	21	76 4.7	84 20.0	62	9	30	0	688	732		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0010
YEAR:1962 VESSEL/AGENCY: ATKA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
DISKO IS	11	70 1.0	56 18.0	62	9	30		133	152		X	X	BOTT		
BAFFIN B	10	70 48.0	59 58.0	62	9	30		431	482		X	X	BOTT		
MELV BAY	6	74 59.0	59 15.0	62	9	28		600	603		X	X	BOTT		
BAFFIN B	9	71 40.0	64 57.0	62	9	29		2197	2286		X	X	BOTT		
BAFFIN B	8	71 41.0	68 33.0	62	9	28		1728	1939			X	BOTT		
BAFFIN B	7	73 .0	63 15.0	62	9	28		1852	1938		X	X	BOTT		
MELV BAY	5	74 58.0	64 19.0	62	9	27		250	265		X	X	BOTT		

BAFFIN B	4	75 .0	69 49.0	62	9	27		850	869		X	X	BOTT		
BAFFIN B	3	75 8.0	77 14.0	62	9	27		371	382		X	X	BOTT		
SMITH SD	2	76 .0	76 12.0	62	9	26		325	338			X	BOTT		
SMITH SD	1	78 .0	74 .0	62	9	26		345	435			X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 62-0011
YEAR:1962 VESSEL/AGENCY: EVERGREEN

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	426	69 56.5	60 40.0	62	7	27		1113	1120		X	X	BOTT		
BAFFIN B	425	69 52.0	61 33.0	62	7	27		1766	1830		X	X	BOTT		
BAFFIN B	417	69 4.0	62 24.0	62	7	26		1900	1950		X	X	BOTT		
BAFFIN B	418	69 15.0	62 45.0	62	7	26		1943	2010		X	X	BOTT		
BAFFIN B	424	69 43.5	62 28.0	62	7	27		1942	2020		X	X	BOTT		
BAFFIN B	423	69 36.5	63 21.0	62	7	27		1903	2020		X	X	BOTT		
BAFFIN B	420	69 25.0	64 56.0	62	7	26		1007	1045		X	X	BOTT		
BAFFIN B	421	69 25.0	64 42.0	62	7	26		1143	1170		X	X	BOTT		
BAFFIN B	422	69 25.5	64 16.0	62	7	27		1694	1760		X	X	BOTT		
BAFFIN B	419	69 15.0	65 5.0	62	7	26		700	730		X	X	BOTT		
DISKO IS	436	70 37.0	54 51.0	62	7	28		491	505		X	X	BOTT		
DISKO IS	434	70 31.0	55 38.0	62	7	28		75	87		X	X	BOTT		
DISKO IS	435	70 34.0	55 10.0	62	7	28		268	310		X	X	BOTT		
DISKO IS	432	70 25.0	56 32.0	62	7	28		214	242		X	X	BOTT		
DISKO IS	433	70 28.5	56 8.0	62	7	28		152	174		X	X	BOTT		
DISKO IS	430	70 17.0	57 35.0	62	7	28		312	365		X	X	BOTT		
DISKO IS	431	70 20.0	57 1.0	62	7	28		242	283		X	X	BOTT		
BAFFIN B	428	70 9.0	58 48.0	62	7	28		270	310		X	X	BOTT		
BAFFIN B	429	70 13.0	58 8.0	62	7	28		303	342		X	X	BOTT		
BAFFIN B	427	70 3.0	59 40.0	62	7	27		402	424		X	X	BOTT		
BAFFIN B	414	68 11.0	61 8.0	62	7	25		1678	1720		X	X	BOTT		
BAFFIN B	415	68 28.5	61 34.0	62	7	25		1713	1820		X	X	BOTT		

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BAFFIN B       416    68 47.5  62   .0    62  7 25     1840 1890       X  X BOTT
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BOTTLE/CTD DATA SET NUMBER:  63-0005
YEAR:1963      VESSEL/AGENCY:  EVERGREEN

   AREA         STN      LAT      LON         DATE         CAST WATER   PARAM   INSTR INT NO
                       DEG MIN  DEG MIN    YR MO DY HR     TO  DEPTH    MEAS          HR
                                                          (M)   (M)   C  S  T

 MELV BAY        43    74 49.3  66 43.0    63  8  4      1460 1555       X  X BOTT
 MELV BAY        44    74 42.0  66 55.0    63  8  4      1811 2085       X  X BOTT
 BAFFIN B        42    74 52.5  67  9.5    63  8  4       898 1059       X  X BOTT
 SMITH SD        41    76 22.0  69 59.0    63  8  2       132  139       X  X BOTT
 HARES ST        13    79 59.0  69 44.0    63  7 29       246  269       X  X BOTT
 HARES ST        15    79 40.5  69  5.0    63  7 30       130  141       X  X BOTT
 SMITH SD        39    76 21.5  71 53.5    63  8  2       588  686       X  X BOTT
 SMITH SD        40    76 22.0  71  8.0    63  8  2       398  530       X  X BOTT
 SMITH SD        38    76 20.0  72 46.5    63  8  2       538  558       X  X BOTT
 SMITH SD        37    76 19.5  73 34.0    63  8  2       533  549       X  X BOTT
 SMITH SD        36    76 21.2  74 22.0    63  8  2       465  488       X  X BOTT
 SMITH SD        35    76 21.2  75 20.0    63  8  2       398  439       X  X BOTT
 SMITH SD        31    76 55.0  76 20.0    63  8  1       155  183       X  X BOTT
 SMITH SD        34    76 22.0  76 20.0    63  8  2       150  165       X  X BOTT
 SMITH SD        33    76 22.5  77 24.0    63  8  2       343  375       X  X BOTT
 SMITH SD        32    76 19.1  78  2.0    63  8  2       145  159       X  X BOTT
 SMITH SD        28    77 39.5  72 22.0    63  7 31       103  113       X  X BOTT
 SMITH SD        29    77  1.0  72 21.0    63  8  1       953 1152       X  X BOTT
 SMITH SD        27    77 44.0  74 26.0    63  7 31       456  540       X  X BOTT
 SMITH SD        30    77  6.3  74 55.0    63  8  1       643  677       X  X BOTT
 SMITH SD        26    77 45.0  75 30.0    63  7 31       646  668       X  X BOTT
 SMITH SD        16    78 57.0  71 30.1    63  7 30       285  287       X  X BOTT
 SMITH SD        18    78 27.2  72 57.0    63  7 30       226  241       X  X BOTT
 SMITH SD        17    78 48.0  73 14.0    63  7 30       384  406       X  X BOTT
 SMITH SD        19    78 28.2  73 13.5    63  7 30       386  448       X  X BOTT
SMITH SD      20    78 30.0  73 37.0    63  7 30    435  494      X  X BOTT
SMITH SD      21    78 31.0  73 50.0    63  7 30    503  549      X  X BOTT
SMITH SD      24    78  6.5  73 58.0    63  7 31    660  722      X  X BOTT
SMITH SD      22    78 33.3  74  7.0    63  7 30    397  457      X  X BOTT
SMITH SD      23    78 34.0  74 27.0    63  7 30    222  265      X  X BOTT
SMITH SD      25    78  9.5  74 42.5    63  7 31    624  677      X  X BOTT
NARES ST      7     79 12.2  70 36.0    63  7 29    214  232      X  X BOTT
NARES ST      8     79  8.3  70 18.0    63  7 29    177  196      X  X BOTT
NARES ST      9     79  5.4  70  8.0    63  7 29    301  320      X  X BOTT
NARES ST      14    79 58.0  70 16.0    63  7 29    238  256      X  X BOTT
NARES ST      3     79 28.3  71 59.0    63  7 28    230  241      X  X BOTT
NARES ST      4     79 24.0  71 43.0    63  7 28    220  238      X  X BOTT
NARES ST      5     79 21.6  71 25.0    63  7 29    178  187      X  X BOTT
NARES ST      6     79 17.0  71  4.0    63  7 29    187  205      X  X BOTT
NARES ST      1     79 34.0  72 39.0    63  7 28    232  241      X  X BOTT
NARES ST      2     79 28.9  72 35.1    63  7 28    240  260      X  X BOTT
NARES ST      10    80  8.6  67 57.0    63  7 29    263  287      X  X BOTT
NARES ST      11    80  6.3  68 27.0    63  7 29    309  315      X  X BOTT
NARES ST      12    80  3.1  69  5.0    63  7 29    257  274      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  63-0006
YEAR:1963      VESSEL/AGENCY:  LABRADOR

   AREA       STN      LAT       LON          DATE      CAST WATER   PARAM   INSTR INT NO
                     DEG MIN   DEG MIN     YR MO DY HR   TO  DEPTH   MEAS          HR
                                                        (M)   (M)   C  S  T

BAFFIN B      113   68 45.0  65   .0    63 10 13 17   120   145      X  X BOTT
BAFFIN B      112   69   .0  60   .0    63 10 13  5  1550  1609      X  X BOTT
DISKO IS      111   70   .0  56   .0    63 10 12 18    99   138      X  X BOTT
MELV BAY      102   74 31.0  58 38.0    63 10  9 13   400   502      X  X BOTT
MELV BAY      101   74 30.0  59 30.0    63 10  9 11   700   747      X  X BOTT
MELV BAY      103   74 25.0  59 12.0    63 10  9 15   689   803      X  X BOTT
BAFFIN B      110   70 30.0  60   .0    63 10 12  7   628   703      X  X BOTT
BAFFIN B      109     71 30.0   65   .0     63 10 11 17   600 2323      X   X BOTT
BAFFIN B      108     71 30.0   69 30.0     63 10 11  6   294  776      X   X BOTT
BAFFIN B      106     72 45.0   64 40.0     63 10 10  6  2191 2286      X   X BOTT
BAFFIN B      107     72 20.0   65 25.0     63 10 10 11  2300 2395      X   X BOTT
MELV BAY      104     74 20.0   60   .0     63 10  9 17   600  730      X   X BOTT
MELV BAY      105     74  7.0   61 35.0     63 10  9 21   600  681      X   X BOTT
MELV BAY      100     74 30.0   64  5.0     63 10  9  4   400  438      X   X BOTT
BAFFIN B       86     75 48.5   67  4.0     63 10  6 14   248  290      X   X BOTT
BAFFIN B       87     75 47.0   67 36.0     63 10  6 15   257  319      X   X BOTT
BAFFIN B       88     75 35.0   68 10.0     63 10  6 17   285  319      X   X BOTT
BAFFIN B       89     75 28.0   68 44.0     63 10  6 19   500  557      X   X BOTT
BAFFIN B       90     75 12.0   69 50.0     63 10  6 21   673  703      X   X BOTT
NARES ST        9     79 50.0   65 50.0     63  9 18 11   135  158      X   X BOTT
NARES ST       17     79 32.0   65 46.0     63  9 19 12   365  388      X   X BOTT
NARES ST       10     79 51.0   66 46.0     63  9 18 13   100  118      X   X BOTT
NARES ST       16     79 32.0   66 50.0     63  9 19 10   175  200      X   X BOTT
NARES ST       11     79 51.5   68 14.0     63  9 18 15   150  167      X   X BOTT
NARES ST       12     79 49.0   69 48.0     63  9 18 18   150  176      X   X BOTT
NARES ST       15     79 33.0   69  6.0     63  9 19  3   145  163      X   X BOTT
BAFFIN B       94     73 55.0   75 10.0     63 10  7 13   790  886      X   X BOTT
BAFFIN B       95     73 46.0   75 45.0     63 10  7 15   600  922      X   X BOTT
BAFFIN B       96     73 40.0   76 17.0     63 10  7 18   829  931      X   X BOTT
BAFFIN B       97     73 34.0   76 42.0     63 10  7 20   865 1005      X   X BOTT
ECLIPSE        98     73 30.0   77   .0     63 10  7 23   907 1069      X   X BOTT
BAFFIN B       99     74 30.0   70   .0     63 10  8 13  1500 1636      X   X BOTT
BAFFIN B       91     74 50.0   71 20.0     63 10  7  1   784  977      X   X BOTT
BAFFIN B       92     74 30.0   72 40.0     63 10  7  5   850  913      X   X BOTT
BAFFIN B       93     74 10.0   74   .0     63 10  7  9   664  740      X   X BOTT
BAFFIN B       75     74 30.0   75   .0     63 10  3 12   473  611      X   X BOTT
BAFFIN B       76     74 30.0   76 32.0     63 10  3 15   525  593      X   X BOTT
BAFFIN B       77     74 30.0   77 30.0     63 10  3 18   414  456      X   X BOTT
BAFFIN B       78     74 30.0   78 40.0     63 10  3 21   571  611      X   X BOTT
BAFFIN B       79     74 30.0   79 19.0     63 10  4  0   507  666      X   X BOTT
BAFFIN B       80     74 26.0   79 55.0     63 10  4  2   668  740      X   X BOTT
BAFFIN B       81     75 48.0   77 37.0     63 10  4 22   190  209      X   X BOTT
BAFFIN B       62     75 44.4   79 26.0     63  9 27 19   496  529      X   X BOTT
BAFFIN B       63     75 40.7   79 45.0     63  9 28  2   456  570      X   X BOTT
BAFFIN B       64     75 38.0   79 40.0     63  9 28 10   436  557      X   X BOTT
BAFFIN B       65     75 33.5   79 50.0     63  9 28 12   500  533      X   X BOTT
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SMITH SD     72    76 32.0  70 29.0    63 10  2 12   71   96      X  X BOTT
SMITH SD     73    76 32.0  71   .0    63 10  2 14  345  392      X  X BOTT
SMITH SD     74    76 27.0  71 48.0    63 10  2 16  468  538      X  X BOTT
SMITH SD     83    76 27.0  71 43.0    63 10  5 20  489  535      X  X BOTT
SMITH SD     84    76 22.0  72 34.0    63 10  5 22  533  606      X  X BOTT
SMITH SD     85    76 12.0  74  9.0    63 10  6  2  380  456      X  X BOTT
SMITH SD     82    76   .0  76   .0    63 10  5  4  300  328      X  X BOTT
SMITH SD     41    76  9.0  79 20.0    63  9 24  2  115  173      X  X BOTT
SMITH SD     42    76 12.0  79 32.0    63  9 24  3  134  160      X  X BOTT
SMITH SD     43    76 15.0  79 46.0    63  9 24  5  121  151      X  X BOTT
SMITH SD     71    77   .0  72   .0    63  9 30 17  293 1087      X  X BOTT
SMITH SD     70    77  6.0  73 30.0    63  9 30 14  400  438      X  X BOTT
SMITH SD     40    77 59.0  74 10.0    63  9 23  4  427  740      X  X BOTT
SMITH SD     68    77 28.0  75 25.0    63  9 29 22  570  657      X  X BOTT
SMITH SD     69    77 10.0  75  3.0    63  9 30  4  475  579      X  X BOTT
SMITH SD     67    77 15.0  76 30.0    63  9 29 18  455  487      X  X BOTT
SMITH SD     66    77 20.0  77 50.0    63  9 29 15  200  224      X  X BOTT
SMITH SD     24    78 36.0  72 35.0    63  9 21 10  295  319      X  X BOTT
SMITH SD     25    78 27.5  72 58.0    63  9 21 12  261  319      X  X BOTT
SMITH SD     32    78 23.0  72 54.0    63  9 22  9  196  246      X  X BOTT
SMITH SD     22    78 40.0  73 38.0    63  9 20 20  355  383      X  X BOTT
SMITH SD     23    78 38.0  73 12.0    63  9 20 22  428  548      X  X BOTT
SMITH SD     26    78 28.0  73 30.0    63  9 21 15  365  429      X  X BOTT
SMITH SD     27    78 31.0  73 58.0    63  9 21 17  295  322      X  X BOTT
SMITH SD     31    78 21.5  73 43.0    63  9 22  4  478  557      X  X BOTT
SMITH SD     33    78 10.0  73 20.0    63  9 22 12  252  282      X  X BOTT
SMITH SD     34    78 11.0  73 46.0    63  9 22 13  476  758      X  X BOTT
SMITH SD     28    78 33.0  74 34.0    63  9 21 20  196  237      X  X BOTT
SMITH SD     29    78 19.0  74 50.0    63  9 21 23  489  593      X  X BOTT
SMITH SD     30    78 20.5  74 18.0    63  9 22  2  460  491      X  X BOTT
SMITH SD     35    78 11.0  74 15.0    63  9 22 16  641  703      X  X BOTT
SMITH SD     36    78 11.0  74 50.0    63  9 22 19  530  630      X  X BOTT
SMITH SD     39    78  5.0  74   .0    63  9 23  1  710  721      X  X BOTT
SMITH SD     37    78 11.0  75 20.0    63  9 22 21  189  246      X  X BOTT
SMITH SD     38    78  7.0  75  4.0    63  9 22 22  295  648      X  X BOTT
NARES ST     13    79 45.0  70 33.0    63  9 18 21  200  249      X  X BOTT
NARES ST     14    79 27.0  70 52.0    63  9 19  0  170  182      X  X BOTT
NARES ST     18    79  3.0  70 11.0    63  9 20  2  300  319      X  X BOTT
NARES ST     19    79  3.0  71 16.0    63  9 20  5  150  246      X  X BOTT
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HARES ST    20   79  2.0  73  2.0    63  9 20 13  250  268     X  X BOTT
HARES ST    21   79  1.0  73 40.0    63  9 20 16  175  209     X  X BOTT
JONES SD    46   75 56.0  81 12.0    63  9 24 14  471  657     X  X BOTT
JONES SD    47   75 53.5  81 10.0    63  9 24 16  425  570     X  X BOTT
JONES SD    52   75 58.0  84  4.0    63  9 25 10  600  641     X  X BOTT
JONES SD    53   75 52.0  84   .0    63  9 25 12  569  584     X  X BOTT
JONES SD    54   75 45.0  87 30.0    63  9 25 19  123  142     X  X BOTT
JONES SD    55   75 49.0  87 23.0    63  9 25 21  191  246     X  X BOTT
JONES SD    44   76  6.0  81  6.0    63  9 24  9  194  237     X  X BOTT
JONES SD    45   76  1.0  81 10.0    63  9 24 10  593  694     X  X BOTT
JONES SD    48   76  2.0  82 32.0    63  9 24 20  787  639     X  X BOTT
JONES SD    49   76 15.5  84  2.0    63  9 25  0   75   99     X  X BOTT
JONES SD    50   76  7.5  84 21.0    63  9 25  2  100  121     X  X BOTT
JONES SD    51   76  5.0  84 12.0    63  9 25  3  708  740     X  X BOTT
JONES SD    56   76   .0  87 15.0    63  9 25 23  442  480     X  X BOTT
JONES SD    57   76 10.0  87  8.0    63  9 26  2  439  507     X  X BOTT
JONES SD    58   76 18.0  87 12.0    63  9 26 11   75  103     X  X BOTT
JONES SD    59   76 19.0  88 52.0    63  9 26 15   85  139     X  X BOTT
JONES SD    60   76 23.0  88 40.0    63  9 26 17  125  173     X  X BOTT
JONES SD    61   76  8.5  88 38.0    63  9 26 18   75   96     X  X BOTT
HARES ST     3   80 59.0  65 58.0    63  9 16 14  435  463     X  X BOTT
HARES ST     4   80 50.0  67 10.0    63  9 16 18  375  403     X  X BOTT
HARES ST     5   80 37.0  67 50.0    63  9 17  0  362  390     X  X BOTT
HARES ST     6   80 12.0  67 49.0    63  9 17 20   99  123     X  X BOTT
HARES ST     7   80 11.5  68 20.0    63  9 17 21  300  334     X  X BOTT
HARES ST     8   80  5.5  69 14.0    63  9 17 23  208  258     X  X BOTT
HARES ST     1   81 21.0  63 40.0    63  9 15 22  491  524     X  X BOTT
HARES ST     2   81 10.0  64 50.0    63  9 16 11  441  472     X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 63-0007
YEAR:1963 VESSEL/AGENCY: BAFFIN

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C S T	INSTR	INT HR	NO
DISKO IS	48	68 5.0	56 45.0	63 6 11 5	175	183	X X	BOTT		
DISKO IS	47	68 8.0	57 6.0	63 6 11 3	240	263	X X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 63-0008
YEAR:1963 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR MO DY HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C S T	INSTR	INT HR	NO
DISKO IS	96	68 2.0	55 28.0	63 7 15	65	68	X X	BOTT		
DISKO IS	97	68 .0	55 .0	63 7 16	30	32	X X	BOTT		
DISKO IS	94	68 7.0	56 44.0	63 7 15	198	200	X X	BOTT		
DISKO IS	95	68 4.0	56 .0	63 7 15	115	117	X X	BOTT		
DISKO IS	93	68 6.0	57 32.0	63 7 15	370	405	X X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0006
YEAR:1964 VESSEL/AGENCY: DANA

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	58	69	27.0	55	27.0	64	7	24		248	250		X	X	BOTT		
DISKO IS	57	68	21.0	54	49.0	64	7	23		420	425		X	X	BOTT		
DISKO IS	50	68	.0	55	.0	64	7	19		30	30		X	X	BOTT		
DISKO IS	51	68	2.0	55	28.0	64	7	20		70	72		X	X	BOTT		
DISKO IS	52	68	4.0	56	.0	64	7	20		110	112		X	X	BOTT		
DISKO IS	53	68	19.0	56	52.0	64	7	20		445	448		X	X	BOTT		
DISKO IS	56	68	28.0	56	23.0	64	7	22		505	520		X	X	BOTT		
DISKO IS	54	68	13.0	57	25.0	64	7	21		420	430		X	X	BOTT		
DISKO IS	55	68	31.0	57	8.0	64	7	21		370	375		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 64-0007
YEAR:1964 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	80	68	40.0	64	51.0	64	10	7	5	125	137		X	X	BOTT		
BAFFIN B	79	69	.0	60	.0	64	10	6	16	1565	1579		X	X	BOTT		
DISKO IS	78	70	.0	56	.0	64	10	6	7	122	134		X	X	BOTT		
MELV BAY	62	74	30.0	59	25.0	64	10	2	11	710	715		X	X	BOTT		
BAFFIN B	77	70	38.0	60	.0	64	10	5	22	645	654		X	X	BOTT		

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BAFFIN B       76     71  3.0  62 13.0     64 10  5 16 1862 1903       X  X BOTT
BAFFIN B       73     71 54.0  63 49.0     64 10  5  0 2194 2314       X  X BOTT
BAFFIN B       75     71 20.0  63 45.0     64 10  5 10 2181 2268       X  X BOTT
BAFFIN B       74     71 30.0  64 55.0     64 10  5  6 2285 2323       X  X BOTT
BAFFIN B       69     71 54.0  67 10.0     64 10  4  1 2270 2377       X  X BOTT
BAFFIN B       52     71 31.0  69 30.0     64  9 27 22  991 1006       X  X BOTT
BAFFIN B       71     72 31.0  64 55.0     64 10  4 13 2210 2360       X  X BOTT
BAFFIN B       72     72   .0  64 55.0     64 10  4 18 2350 2359       X  X BOTT
BAFFIN B       66     72 50.0  66 48.0     64 10  3  9 2290 2413       X  X BOTT
BAFFIN B       70     72 14.0  66  2.0     64 10  4  7 2310 2348       X  X BOTT
BAFFIN B       67     72 26.0  67 22.0     64 10  3 15 2304 2423       X  X BOTT
BAFFIN B       68     72  3.0  68 28.0     64 10  3 20 2225 2286       X  X BOTT
BAFFIN B       58     72 47.0  69 58.0     64 10  1  4 1905 2103       X  X BOTT
BAFFIN B       64     73 45.0  63  6.0     64 10  2 21  640  651       X  X BOTT
BAFFIN B       60     73 47.0  65 50.0     64 10  1 20 2200 2210       X  X BOTT
BAFFIN B       65     73 14.0  65  2.0     64 10  3  3 2100 2195       X  X BOTT
BAFFIN B       59     73  8.0  67 49.0     64 10  1 11 2350 2468       X  X BOTT
BAFFIN B       56     73 37.0  69 57.0     64  9 30 16 1794 1811       X  X BOTT
MELV BAY       63     74  7.0  61 12.5     64 10  2 16  593  631       X  X BOTT
MELV BAY       61     74 28.0  63 52.0     64 10  2  3  229  247       X  X BOTT
MELV BAY       55     74 13.0  66 38.0     64  9 30  7 2280 2286       X  X BOTT
BAFFIN B       54     74 46.0  67 45.0     64  9 30  0 1860 1940       X  X BOTT
MELV BAY       48     75 48.0  66 33.0     64  9 20  2  570  600       X  X BOTT
BAFFIN B       47     75 25.0  67 38.0     64  9 19 19  330  338       X  X BOTT
BAFFIN B       36     75 45.0  68 28.0     64  9 13  1  380  402       X  X BOTT
BAFFIN B       46     75   .0  68 45.0     64  9 19 15  956 1006       X  X BOTT
BAFFIN B       51     72 48.0  74   .0     64  9 25 22  791  810       X  X BOTT
BAFFIN B       57     73 20.0  71 45.0     64  9 30 22 1248 1280       X  X BOTT
BAFFIN B       44     73 47.0  74  8.0     64  9 18 23  850  896       X  X BOTT
BAFFIN B       43     73 22.5  76 12.5     64  9 18 15  996 1040       X  X BOTT
BAFFIN B       53     74 26.0  70  9.0     64  9 29 17 1520 1554       X  X BOTT
BAFFIN B       45     74  8.0  72  8.0     64  9 19  4  976 1006       X  X BOTT
BAFFIN B       50     74 32.0  77 56.0     64  9 25 12  620  626       X  X BOTT
BAFFIN B       42     74 55.0  78 48.0     64  9 14  7  470  485       X  X BOTT
BAFFIN B       37     75 37.0  70  5.0     64  9 13  7  515  540       X  X BOTT
BAFFIN B       38     75 28.0  71 52.0     64  9 13 12  590  612       X  X BOTT
BAFFIN B       39     75 23.5  73 34.0     64  9 13 17  543  567       X  X BOTT
BAFFIN B       40     75 13.0  75 18.0     64  9 13 22  400  417       X  X BOTT
BAFFIN B       49     75 53.0  76 43.0     64  9 25  1  260  269       X  X BOTT
BAFFIN B     41    75  5.0  77  2.0     64  9 14  2  350  375     X  X BOTT
SMITH SD     32    76 14.0  70 30.0     64  9 11 21  633  649     X  X BOTT
SMITH SD     33    76  9.5  71 24.0     64  9 12  2  555  576     X  X BOTT
SMITH SD     34    76  7.8  72 21.5     64  9 12  5  475  485     X  X BOTT
SMITH SD     31    76 40.0  74  5.0     64  9 11 12  565  576     X  X BOTT
SMITH SD     35    76  2.0  74 23.0     64  9 12 11  350  369     X  X BOTT
SMITH SD     23    77 57.0  73 42.0     64  9 10 10  385  412     X  X BOTT
SMITH SD     1     77 56.5  74 12.2     64  9  5 15  573  658     X  X BOTT
SMITH SD     21    77 57.2  74 38.0     64  9 10  6  712  732     X  X BOTT
SMITH SD     22    77 57.0  74 12.0     64  9 10  8  654  732     X  X BOTT
SMITH SD     24    77 45.0  74 17.0     64  9 10 12  299  329     X  X BOTT
SMITH SD     28    77 30.0  74 42.0     64  9 11  2  637  667     X  X BOTT
SMITH SD     29    77 28.5  74   .0     64  9 11  4  324  330     X  X BOTT
SMITH SD     30    77   .0  74  5.0     64  9 11  8  431  457     X  X BOTT
SMITH SD     19    77 56.0  75 40.0     64  9 10  0  564  614     X  X BOTT
SMITH SD     20    77 57.0  75  5.0     64  9 10  2  625  677     X  X BOTT
SMITH SD     25    77 45.5  75 18.0     64  9 10 15  600  667     X  X BOTT
SMITH SD     27    77 31.5  75 24.0     64  9 11  0  600  658     X  X BOTT
SMITH SD     26    77 33.2  76  2.5     64  9 10 18  600  603     X  X BOTT
SMITH SD     2     78 52.5  72 41.0     64  9  6  1  274  289     X  X BOTT
SMITH SD     14    78 11.0  73 51.0     64  9  9 15  544  567     X  X BOTT
SMITH SD     15    78 10.4  74 10.8     64  9  9 17  559  686     X  X BOTT
SMITH SD     16    78 10.0  74 31.0     64  9  9 18  599  613     X  X BOTT
SMITH SD     17    78 10.3  75   .0     64  9  9 19  608  631     X  X BOTT
SMITH SD     18    78 10.0  75 28.0     64  9  9 21  260  262     X  X BOTT
NARES ST     5     79 42.3  70 28.0     64  9  6 23  175  177     X  X BOTT
NARES ST     13    79 36.0  70 39.0     64  9  9  0  175  177     X  X BOTT
NARES ST     4     79 30.0  71   .0     64  9  6 16  150  180     X  X BOTT
NARES ST     3     79  9.0  72  6.0     64  9  6  9  180  182     X  X BOTT
NARES ST     11    80 49.5  66 47.0     64  9  8 13  428  436     X  X BOTT
NARES ST     6     80  7.0  68 55.0     64  9  7  4  266  293     X  X BOTT
NARES ST     12    80 26.8  68  1.0     64  9  8 17  310  330     X  X BOTT
NARES ST     8     81 45.0  62 11.0     64  9  7 22  489  622     X  X BOTT
NARES ST     9     81 35.0  62 52.0     64  9  8  2  308  420     X  X BOTT
NARES ST     10    81 18.8  63 21.0     64  9  8  5  553  571     X  X BOTT
NARES ST     7     81  5.1  65 15.0     64  9  7 14  465  480     X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 65-0006
YEAR:1965 VESSEL/AGENCY: A.T. CAMERON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
DISKO IS	19	68	.8	54	48.0	65	8	2	10	25	26		X	X	BOTT		
DISKO IS	27	68	1.0	54	51.0	65	8	5	10	24	24		X	X	BOTT		
DISKO IS	17	68	51.0	55	45.7	65	8	1	21	98	102		X	X	BOTT		
DISKO IS	18	68	26.2	55	35.0	65	8	2	3	449	452		X	X	BOTT		
DISKO IS	20	68	2.2	55	14.0	65	8	2	15	90	91		X	X	BOTT		
DISKO IS	15	68	54.5	56	38.0	65	8	1	11	173	183		X	X	BOTT		
DISKO IS	16	68	53.5	56	46.0	65	8	1	15	236	240		X	X	BOTT		
DISKO IS	21	68	5.5	56	56.0	65	8	2	19	227	229		X	X	BOTT		
BAFFIN B	22	68	1.0	59	16.0	65	8	3	12	382	397		X	X	BOTT		
BAFFIN B	23	68	2.0	59	25.5	65	8	3	16	525	532		X	X	BOTT		
BAFFIN B	24	68	3.2	59	32.0	65	8	3	19	645	650		X	X	BOTT		
BAFFIN B	25	68	6.3	59	50.0	65	8	4	1	1225	1244		X	X	BOTT		
DISKO IS	28	69	49.5	54	25.5	65	8	7	0	30	31		X	X	BOTT		
BAFFIN B	13	69	10.5	58	56.5	65	7	31	16	621	640		X	X	BOTT		
BAFFIN B	14	69	3.8	58	44.3	65	7	31	22	383	393		X	X	BOTT		
BAFFIN B	12	69	20.0	59	9.5	65	7	31	2	1270	1280		X	X	BOTT		
BAFFIN B	26	68	11.0	60	50.0	65	8	4	12	1646	1646		X	X	BOTT		
DISKO IS	6	70	6.0	55	40.0	65	7	28	13	101	106		X	X	BOTT		
DISKO IS	7	70	3.8	56	43.8	65	7	28	19	177	183		X	X	BOTT		
DISKO IS	8	70	5.0	56	54.0	65	7	28	22	232	242		X	X	BOTT		
BAFFIN B	9	70	6.0	59	18.0	65	7	29	4	363	366		X	X	BOTT		
BAFFIN B	10	70	9.7	60	43.0	65	7	29	17	617	633		X	X	BOTT		
BAFFIN B	11	70	3.0	60	59.0	65	7	30	1	1222	1225		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 65-0007
YEAR:1965 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	136	70	.0	56	.0	65	10	13	18	100	125		X	X	BOTT	
BAFFIN B	135	70	36.0	60	.0	65	10	13	11	600	647		X	X	BOTT	
BAFFIN B	131	71	42.0	65	.0	65	10	4	16	1992	2385		X	X	BOTT	
BAFFIN B	130	71	36.0	69	.0	65	10	4	4	1191	1525		X	X	BOTT	
BAFFIN B	132	73	12.0	63	17.0	65	10	5	22	1201	1534		X	X	BOTT	
MELV BAY	134	74	57.0	65	9.0	65	10	6	20	301	349		X	X	BOTT	
MELV BAY	133	75	.0	61	.0	65	10	6	13	800	848		X	X	BOTT	
BAFFIN B	129	75	42.0	70	.0	65	10	2	14	505	556		X	X	BOTT	
BAFFIN B	126	75	36.0	77	28.0	65	9	30	22	297	349		X	X	BOTT	
SMITH SD	127	77	6.0	76	2.0	65	10	1	11	400	418		X	X	BOTT	
SMITH SD	128	78	.0	74	30.0	65	10	1	19	600	743		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 65-0008
YEAR:1965 VESSEL/AGENCY: HERWIG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	53	68	.0	55	29.0	65	8	28	21	75	87		X	X	BOTT	
DISKO IS	54	68	12.0	55	16.0	65	8	28	24	150	150		X	X	BOTT	
DISKO IS	55	69	49.0	55	17.0	65	8	29	9	75	75		X	X	BOTT	

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 DISKO IS       56    70  6.0  55 13.0    65  8 29 11    75   85      X  X BOTT
 DISKO IS       57    70 11.0  55 15.0    65  8 29 12    80   80      X  X BOTT
 DISKO IS       58    70 28.0  55 38.0    65  8 29 16    80   80      X  X BOTT
 DISKO IS       59    70 36.0  55 43.0    65  8 29 19   250  270      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  66-0004
YEAR:1966     VESSEL/AGENCY:  EDISTO

   AREA        STN     LAT      LON         DATE      CAST WATER  PARAM  INSTR INT NO
                     DEG MIN  DEG MIN    YR MO DY HR   TO  DEPTH   MEAS         HR
                                                       (M)  (M)   C  S  T

 DISKO IS       94    72 42.0  56 41.0    66  8 25      253  272      X  X BOTT
 DISKO IS       95    72 37.0  57 25.0    66  8 25      202  227      X  X BOTT
 BAFFIN B       96    72 27.8  58  8.0    66  8 25      200  216      X  X BOTT
 BAFFIN B       97    72 19.0  58 54.0    66  8 25      297  324      X  X BOTT
 BAFFIN B       98    72  9.0  59 45.0    66  8 25      314  340      X  X BOTT
 BAFFIN B       105   70 54.0  66 57.5    66  8 27     1008 1013      X  X BOTT
 BAFFIN B       106   70 49.5  67 25.0    66  8 27      201  227      X  X BOTT
 BAFFIN B       107   70 43.5  67 53.0    66  8 27      100  117      X  X BOTT
 BAFFIN B       100   71 48.0  62  5.0    66  8 26     2046 2055      X  X BOTT
 BAFFIN B       101   71 32.8  63 25.0    66  8 26     2264 2276      X  X BOTT
 BAFFIN B       102   71 18.0  64 48.0    66  8 26     2185 2257      X  X BOTT
 BAFFIN B       103   71  7.5  65 44.0    66  8 27     2116 2116      X  X BOTT
 BAFFIN B       104   71   .5  66 28.5    66  8 27     1510 1562      X  X BOTT
 BAFFIN B       99    72  3.5  60 36.0    66  8 26     1121 1141      X  X BOTT
 BAFFIN B       79    72 35.0  68 55.0    66  8 13     2075 2111      X  X BOTT
 BAFFIN B       78    72 22.0  69 42.0    66  8 13     1653 1836      X  X BOTT
 BAFFIN B       64    74 58.0  68 56.0    66  8 11      772  986      X  X BOTT
 BAFFIN B       65    74 42.5  69 23.5    66  8 11     1413 1544      X  X BOTT
 BAFFIN B       80    74 40.0  69 35.5    66  8 14     1536 1561      X  X BOTT
 BAFFIN B       59    75 54.0  67 35.0    66  8 10       87   99      X  X BOTT
 BAFFIN B       60    75 44.3  67 47.3    66  8 10      244  244      X  X BOTT
 BAFFIN B       61    75 34.5  68  5.0    66  8 10      287  309      X  X BOTT
BAFFIN B     62     75 24.0   68 24.0     66   8 11      384  428        X  X BOTT
BAFFIN B     63     75 14.2   68 40.0     66   8 11      493  669        X  X BOTT
BAFFIN B     45     75 59.3   69 49.0     66   8  5      381  474        X  X BOTT
SMITH SD     46     76  3.5   69  5.0     66   8  5      127  172        X  X BOTT
BAFFIN B     74     71 55.0   71 37.0     66   8 12      199  218        X  X BOTT
BAFFIN B     76     72  8.6   70 47.2     66   8 13     1437 1470        X  X BOTT
BAFFIN B     77     72 13.0   70 35.0     66   8 13     1542 1618        X  X BOTT
BAFFIN B     75     72  2.5   71 24.0     66   8 13      807  848        X  X BOTT
BAFFIN B     68     73 48.0   73 15.0     66   8 11      852  875        X  X BOTT
BAFFIN B     69     73 38.0   74   .0     66   8 11      903  912        X  X BOTT
BAFFIN B     70     73 28.0   74 48.0     66   8 12      920  950        X  X BOTT
BAFFIN B     71     73 22.0   75  2.5     66   8 12      888  922        X  X BOTT
BAFFIN B     72     73 16.0   75 35.0     66   8 12      882  922        X  X BOTT
BAFFIN B     73     73  9.0   76  5.0     66   8 12      202  226        X  X BOTT
BAFFIN B     66     74 21.0   70 54.0     66   8 11      877 1287        X  X BOTT
BAFFIN B     67     74  2.5   72 18.0     66   8 11      907  924        X  X BOTT
BAFFIN B     35     74 54.0   79 12.0     66   8  4      399  446        X  X BOTT
BAFFIN B     44     75 54.2   70 27.0     66   8  4      478  583        X  X BOTT
BAFFIN B     43     75 49.0   71 17.0     66   8  4      447  483        X  X BOTT
BAFFIN B     42     75 41.5   72 32.0     66   8  4      408  437        X  X BOTT
BAFFIN B     41     75 33.0   73 51.0     66   8  4      484  510        X  X BOTT
BAFFIN B     40     75 25.0   75   .0     66   8  4      433  455        X  X BOTT
BAFFIN B     39     75 17.0   76  8.5     66   8  4      362  402        X  X BOTT
BAFFIN B     37     75  5.0   77 50.0     66   8  4      338  364        X  X BOTT
BAFFIN B     38     75  9.5   77 23.0     66   8  4      354  382        X  X BOTT
BAFFIN B     36     75  3.0   78 40.0     66   8  4      430  455        X  X BOTT
BAFFIN B     28     75 35.8   79 43.0     66   8  3      568  593        X  X BOTT
BAFFIN B     29     75 38.4   79 41.5     66   8  3      526  555        X  X BOTT
BAFFIN B     30     75 41.0   79 34.0     66   8  3      535  555        X  X BOTT
BAFFIN B     31     75 45.5   79 36.0     66   8  3      472  538        X  X BOTT
BAFFIN B     32     75 41.4   79 38.0     66   8  3      504  556        X  X BOTT
BAFFIN B     33     75 38.0   79 42.0     66   8  3      527  556        X  X BOTT
BAFFIN B     34     75 35.0   79 46.0     66   8  3      566  566        X  X BOTT
SMITH SD     11     76 23.7   70 23.0     66   8  1       92  117        X  X BOTT
SMITH SD     12     76 24.8   71  7.0     66   8  1      465  486        X  X BOTT
SMITH SD     13     76 25.5   71 51.0     66   8  1      479  519        X  X BOTT
SMITH SD     14     76 26.3   72 33.8     66   8  1      570  619        X  X BOTT
SMITH SD     15     76 24.6   73 13.0     66   8  1      542  565        X  X BOTT
SMITH SD     16     76 25.2   73 58.5     66   8  1      518  553        X  X BOTT
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SMITH SD	17	76	23.9	74	41.0	66	8	1	456	483	X	X	BOTT
SMITH SD	18	76	22.5	75	26.0	66	8	2	403	428	X	X	BOTT
SMITH SD	19	76	21.0	76	10.0	66	8	2	300	318	X	X	BOTT
SMITH SD	20	76	19.8	76	49.0	66	8	2	146	172	X	X	BOTT
SMITH SD	21	76	23.3	77	34.3	66	8	2	248	272	X	X	BOTT
SMITH SD	22	76	25.5	78	7.2	66	8	2	150	170	X	X	BOTT
SMITH SD	23	76	15.2	78	40.0	66	8	2	100	117	X	X	BOTT
SMITH SD	25	76	21.8	78	48.5	66	8	2	203	245	X	X	BOTT
SMITH SD	26	76	16.5	78	53.0	66	8	2	102	124	X	X	BOTT
SMITH SD	27	76	10.5	78	59.0	66	8	2	100	117	X	X	BOTT
SMITH SD	24	76	10.8	79	2.0	66	8	2	125	154	X	X	BOTT
SMITH SD	1	77	26.5	73	18.5	66	7	29	153	177	X	X	BOTT
SMITH SD	93	77	53.0	73	.0	66	8	19	400	424	X	X	BOTT
SMITH SD	2	77	28.0	74	8.0	66	7	30	422	455	X	X	BOTT
SMITH SD	3	77	29.5	74	58.0	66	7	30	702	730	X	X	BOTT
SMITH SD	4	77	31.1	75	28.0	66	7	30	300	649	X	X	BOTT
SMITH SD	5	77	32.8	76	15.0	66	7	30	478	503	X	X	BOTT
SMITH SD	6	77	32.8	76	39.5	66	7	30	295	318	X	X	BOTT
SMITH SD	7	78	25.0	72	58.0	66	7	30	239	238	X	X	BOTT
SMITH SD	8	78	25.0	73	34.5	66	7	31	460	465	X	X	BOTT
SMITH SD	9	78	22.5	73	59.5	66	7	31	544	583	X	X	BOTT
SMITH SD	91	78	50.0	73	46.0	66	8	18	377	400	X	X	BOTT
SMITH SD	10	78	18.0	74	52.0	66	7	31	374	525	X	X	BOTT
SMITH SD	92	78	22.0	74	.0	66	8	19	519	556	X	X	BOTT
NARES ST	89	79	45.8	71	.0	66	8	18	221	223	X	X	BOTT
NARES ST	90	79	28.8	73	14.0	66	8	18	255	263	X	X	BOTT
ECLIPSE	52	73	46.2	80	56.0	66	8	6	584	638	X	X	BOTT
ECLIPSE	51	73	54.0	81	4.5	66	8	6	638	656	X	X	BOTT
ECLIPSE	57	73	54.0	81	6.2	66	8	7	681	711	X	X	BOTT
ECLIPSE	58	73	46.5	81	4.0	66	8	7	475	508	X	X	BOTT
BAFFIN B	47	74	24.5	81	45.0	66	8	6	666	702	X	X	BOTT
BAFFIN B	48	74	16.0	81	31.0	66	8	6	765	793	X	X	BOTT
BAFFIN B	49	74	8.9	81	22.0	66	8	6	755	786	X	X	BOTT
BAFFIN B	50	74	2.0	81	8.0	66	8	6	710	748	X	X	BOTT
BAFFIN B	53	74	25.0	81	43.0	66	8	6	669	700	X	X	BOTT
BAFFIN B	54	74	16.0	81	36.0	66	8	6	513	784	X	X	BOTT
BAFFIN B	55	74	9.2	81	27.4	66	8	6	706	784	X	X	BOTT
BAFFIN B	56	74	1.9	81	8.5	66	8	7	691	757	X	X	BOTT
NARES ST	83	80	55.5	66	24.0	66	8	17	372	377	X	X	BOTT

NARES ST	84	80	37.3	67	51.0	66	8	17		330	364		X	X	BOTT
NARES ST	85	80	21.0	67	59.0	66	8	17		152	176		X	X	BOTT
NARES ST	86	80	17.0	68	35.0	66	8	17		332	356		X	X	BOTT
NARES ST	87	80	13.0	69	14.8	66	8	17		299	328		X	X	BOTT
NARES ST	88	80	13.0	69	52.0	66	8	17		300	328		X	X	BOTT
NARES ST	81	81	81.5	62	28.0	66	8	16		538	592		X	X	BOTT
NARES ST	82	81	20.9	64	6.0	66	8	16		406	492		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 66-0007
YEAR:1966 VESSEL/AGENCY: BLUE

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	15	69	.0	59	30.0	66	10	9		1346	1417		X	X	BOTT		
DISKO IS	13	70	.0	55	51.0	66	10	8		100	112		X	X	BOTT		
BAFFIN B	14	70	36.0	60	.0	66	10	9		600	649		X	X	BOTT		
BAFFIN B	9	71	36.0	64	30.0	66	10	5		2200	2323		X	X	BOTT		
BAFFIN B	7	71	36.5	68	58.0	66	10	3		1693	1737		X	X	BOTT		
BAFFIN B	8	73	12.0	63	31.0	66	10	4		1600	1701		X	X	BOTT		
MELV BAY	6	75	15.0	60	8.0	66	10	2		425	471		X	X	BOTT		
MELV BAY	5	75	42.0	64	13.0	66	10	2		650	686		X	X	BOTT		
BAFFIN B	4	75	43.0	70	.0	66	10	1		400	539		X	X	BOTT		
BAFFIN B	3	75	36.0	77	30.0	66	9	30		334	366		X	X	BOTT		
SMITH SD	1	77	58.0	74	28.0	66	9	30		408	732		X	X	BOTT		
SMITH SD	2	77	6.0	76	13.0	66	9	30		317	400		X	X	BOTT		

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BOTTLE/CTD DATA SET NUMBER:  66-0008
YEAR:1966      VESSEL/AGENCY:  DANA

   AREA        STN      LAT       LON            DATE      CAST WATER  PARAM  INSTR INT NO
                      DEG MIN   DEG MIN      YR MO DY HR    TO  DEPTH   MEAS          HR
                                                           (M)   (M)   C  S  T

  DISKO IS      49    68  5.0   54 38.0      66  7 19 14    50    53      X  X BOTT
  DISKO IS      50    68 19.0   54 44.0      66  7 20 21   380   407      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  67-0002
YEAR:1967      VESSEL/AGENCY:  LABRADOR

   AREA        STN      LAT       LON            DATE      CAST WATER  PARAM  INSTR INT NO
                      DEG MIN   DEG MIN      YR MO DY HR    TO  DEPTH   MEAS          HR
                                                           (M)   (M)   C  S  T

  BAFFIN B       9    75 41.3   79 50.0      67  8 20 23   300   356      X  X BOTT
  SMITH SD       5    76 17.0   78  3.0      67  8 20 16    56            X  X BOTT
  SMITH SD       6    76 17.2   78  6.0      67  8 20 17    56            X  X BOTT
  SMITH SD       7    76 17.7   78 11.0      67  8 20 17    50            X  X BOTT
  SMITH SD       8    76 18.2   78 22.0      67  8 20 18    50            X  X BOTT
  SMITH SD       2    77  2.2   71 40.0      67  8 19 21   600   737      X  X BOTT
  SMITH SD       3    77   .0   74 16.0      67  8 20  1   500   583      X  X BOTT
  SMITH SD       4    77   .0   77   .0      67  8 20 12   150   173      X  X BOTT
  JONES SD      10    76  6.0   85 20.0      67  8 21  4   600   786      X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 67-0003
YEAR:1967 VESSEL/AGENCY: EDISTO

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	10	70	.0	56	.0	67	9	30		119	128		X	X	BOTT		
BAFFIN B	11	72	46.0	58	33.0	67	9	30		180	190		X	X	BOTT		
MELV BAY	13	74	30.8	59	30.0	67	10	1		300	532		X	X	BOTT		
BAFFIN B	29	70	29.0	60	3.5	67	10	8		296	695		X	X	BOTT		
BAFFIN B	27	71	31.5	64	58.0	67	10	7		300	2286		X	X	BOTT		
BAFFIN B	26	71	29.0	67	57.5	67	10	7		299	1920		X	X	BOTT		
BAFFIN B	25	71	30.0	69	26.0	67	10	6		317	842		X	X	BOTT		
BAFFIN B	28	72	45.5	64	.0	67	10	7		308	2195		X	X	BOTT		
BAFFIN B	12	73	40.0	60	.0	67	9	30		312	340		X	X	BOTT		
MELV BAY	14	74	30.5	64	1.0	67	10	1		300	616		X	X	BOTT		
MELV BAY	15	75	24.2	64	20.0	67	10	1		160	172		X	X	BOTT		
BAFFIN B	24	72	45.0	72	2.0	67	10	6		299	1068		X	X	BOTT		
BAFFIN B	23	72	45.5	73	30.0	67	10	6		272	805		X	X	BOTT		
BAFFIN B	21	73	21.0	73	9.0	67	10	6		270	914		X	X	BOTT		
BAFFIN B	22	73	25.0	74	45.0	67	10	6		276	940		X	X	BOTT		
BAFFIN B	20	74	29.0	70	4.0	67	10	5		284	1560		X	X	BOTT		
BAFFIN B	19	74	30.0	76	45.0	67	10	5		272	592		X	X	BOTT		
BAFFIN B	18	74	32.0	77	55.0	67	10	5		286	594		X	X	BOTT		
BAFFIN B	17	75	56.0	76	38.0	67	10	4		275	281		X	X	BOTT		
SMITH SD	16	78	.5	73	57.0	67	10	2		292	530		X	X	BOTT		
BAFFIN B	30	68	58.0	60	2.0	67	10	8		341	1635		X	X	BOTT		
BAFFIN B	31	68	37.0	64	59.0	67	10	8		125	144		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 67-0004
YEAR:1967 VESSEL/AGENCY: NOVOROSSIJSK

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT NO HR
DISKO IS	173	68 12.0	54 42.0	67	9	15	17	150			X	X	BOTT	
DISKO IS	174	68 8.0	54 32.0	67	9	15	19	110			X	X	BOTT	
DISKO IS	175	68 7.0	54 31.0	67	9	15	23	115			X	X	BOTT	
DISKO IS	176	68 11.0	54 38.0	67	9	16	1	145			X	X	BOTT	
DISKO IS	171	68 10.0	55 24.0	67	9	15	13	130			X	X	BOTT	
DISKO IS	172	68 12.0	55 6.0	67	9	15	16	80			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 68-0001
YEAR:1968 VESSEL/AGENCY: LABRADOR

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT NO HR
BAFFIN B	10	72 46.4	76 38.7	68	8	22	7	500			X	X	BOTT	
ECLIPSE	11	72 42.6	78 30.4	68	8	22	19	500			X	X	BOTT	
SMITH SD	1	76 59.5	71 50.0	68	8	15	1	1004			X	X	BOTT	
SMITH SD	3	76 55.0	76 9.0	68	8	15	13	200			X	X	BOTT	
SMITH SD	4	76 17.5	77 56.0	68	8	15	23	270			X	X	BOTT	
SMITH SD	9	76 15.1	79 45.0	68	8	21	9	500			X	X	BOTT	
SMITH SD	2	77 [illegible]	74 10.0	68	8	15	7	500			X	X	BOTT	
ECLIPSE	12	72 49.3	80 7.5	68	8	23	19	175			X	X	BOTT	

ECLIPSE	21	72	20.0	80	32.0	68	9	13	3	700			X	X	BOTT	
ECLIPSE	22	72	4.5	80	48.0	68	9	15	18	100			X	X	BOTT	
ECLIPSE	13	73	40.0	81	23.0	68	8	24	3	350			X	X	BOTT	
JONES SD	5	76	7.1	84	54.0	68	8	16	16	700			X	X	BOTT	
JONES SD	8	76	23.5	89	12.5	68	8	20	8	114			X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 68-0003
YEAR:1968 VESSEL/AGENCY: W. HERWIG

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NR
DISKO IS	165	68	.0	57	13.0	68	7	31	18	287	295		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 68-0004
YEAR:1968 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NR
NARES ST	9	79	46.0	66	4.0	68	9	20	18	98	165		X	X	BOTT	
NARES ST	7	79	46.0	67	58.0	68	9	20	14	75	115		X	X	BOTT	
NARES ST	8	79	44.0	67	.0	68	9	20	16	89	100		X	X	BOTT	
NARES ST	10	79	18.0	67	41.0	68	9	20	22	174	190		X	X	BOTT	
NARES ST	11	79	14.0	67	59.0	68	9	20	23	198	225		X	X	BOTT	
NARES ST	6	79	45.0	69	3.0	68	9	20	12	92	104		X	X	BOTT	
NARES ST	12	79	15.0	69	1.0	68	9	21	1	285	311		X	X	BOTT	

SMITH SD	18	78 45.0	71 2.0	68	9	21	17	155	174		X	X	BOTT
SMITH SD	19	78 45.0	72 1.0	68	9	21	19	343	384		X	X	BOTT
SMITH SD	20	78 44.0	73 3.0	68	9	21	21	416	421		X	X	BOTT
SMITH SD	21	78 45.0	73 39.0	68	9	21	23	389	411		X	X	BOTT
SMITH SD	26	78 16.0	73 9.0	68	9	23	21	206	220		X	X	BOTT
SMITH SD	22	78 15.0	74 .0	68	9	22	14	296	658		X	X	BOTT
SMITH SD	24	78 16.0	74 12.0	68	9	23	14	501	570		X	X	BOTT
SMITH SD	25	78 12.0	74 56.0	68	9	23	17	426	603		X	X	BOTT
SMITH SD	27	78 .0	74 8.0	68	9	24	0	587	690		X	X	BOTT
SMITH SD	23	78 5.0	75 2.0	68	9	22	20	354	650		X	X	BOTT
NARES ST	4	79 44.0	70 57.0	68	9	20	8	249	256		X	X	BOTT
NARES ST	5	79 45.0	70 .0	68	9	20	10	140	150		X	X	BOTT
NARES ST	13	79 18.0	70 .0	68	9	21	3	183	201		X	X	BOTT
NARES ST	14	79 15.0	71 .0	68	9	21	5	210	229		X	X	BOTT
NARES ST	15	79 15.0	72 .0	68	9	21	7	192	210		X	X	BOTT
NARES ST	16	79 15.0	73 3.0	68	9	21	9	222	237		X	X	BOTT
NARES ST	17	79 14.0	73 51.0	68	9	21	12	90	109		X	X	BOTT
NARES ST	1	80 13.4	68 17.0	68	9	19	0	229	240		X	X	BOTT
NARES ST	2	80 15.0	68 59.0	68	9	20	2	306	320		X	X	BOTT
NARES ST	3	80 15.0	69 52.0	68	9	20	4	276	290		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 68-0005
YEAR:1968 VESSEL/AGENCY: EASTWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
BAFFIN B	20	68 35.0	59 53.0	68	8	3	22	837	1298		X	X	BOTT		
BAFFIN B	21	68 12.8	59 49.6	68	8	4	3	1100	1134		X	X	BOTT		
DISKO IS	6	69 47.8	50 29.5	68	7	28	2	329	365		X	X	BOTT		
DISKO IS	7	69 32.8	50 55.1	68	7	28	6	442	512		X	X	BOTT		
DISKO IS	8	69 11.0	51 25.7	68	7	29	19	327	335		X	X	BOTT		
DISKO IS	9	69 12.5	51 49.7	68	7	29	21	396	397		X	X	BOTT		

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  DISKO IS      10     69 12.0  52 11.5     68  7 29 23  406  410       X  X BOTT
  DISKO IS      11     69 12.0  52 40.0     68  7 30  1  403  417       X  X BOTT
  DISKO IS      12     69 12.0  53 19.0     68  7 30  3  385  413       X  X BOTT
  DISKO IS      13     69 14.2  53 24.5     68  7 30  4  210  245       X  X BOTT
  DISKO IS      14     69 14.0  54 16.2     68  8  2 21  249  265       X  X BOTT
  DISKO IS      15     69 12.0  55 11.0     68  8  3  2  147  164       X  X BOTT
  DISKO IS      16     69  9.5  56  7.0     68  8  3  5  158  163       X  X BOTT
  DISKO IS      17     69  7.0  57  4.0     68  8  3  9  229  238       X  X BOTT
  BAFFIN B      18     69  3.5  58 30.0     68  8  3 13  299  318       X  X BOTT
  BAFFIN B      19     69  1.5  59 47.0     68  8  3 17 1487 1518       X  X BOTT
  DISKO IS      3      70 22.0  50 46.0     68  7 23 22  814  823       X  X BOTT
  DISKO IS      2      70 50.7  52 59.5     68  7 22 19  202  615       X  X BOTT
  DISKO IS      4      70 41.2  52 17.5     68  7 24 21  605  625       X  X BOTT
  DISKO IS      5      70 21.8  54 15.4     68  7 25 18  340  365       X  X BOTT
  DISKO IS      1      71 29.0  53 20.0     68  7 21 15  480  511       X  X BOTT

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 BOTTLE/CTD DATA SET NUMBER:  68-0006
 YEAR:1968     VESSEL/AGENCY:  EASTWIND

    AREA       STN      LAT      LON          DATE       CAST WATER  PARAM  INSTR INT NO
                      DEG MIN  DEG MIN    YR MO DY HR   TO  DEPTH   MEAS         NR
                                                        (M)  (M)    C  S  T

  BAFFIN B      25     68 33.5  58 49.0     68 10  6  0  264  311       X  X BOTT
  BAFFIN B      33     68 41.5  64 55.5     68 10 10 13  100  137       X  X BOTT
  DISKO IS      24     70   .0  56   .0     68 10  5  0  104  137       X  X BOTT
  BAFFIN B      17     72 45.0  58 30.5     68 10  3  0  150  190       X  X BOTT
  BAFFIN B      15     73 40.0  58 31.0     68 10  2 16  200  300       X  X BOTT
  MELV BAY      14     74 30.6  58 17.1     68 10  2 10  211  402       X  X BOTT
  MELV BAY      13     74 29.0  59 30.5     68 10  2  8  289  745       X  X BOTT
  BAFFIN B      23     70 31.0  60   .0     68 10  4 15  290  677       X  X BOTT
  BAFFIN B      22     71 30.0  65   .0     68 10  4  5  308 2332       X  X BOTT
  BAFFIN B      21     71 31.0  68   .0     68 10  3 23  287 2000       X  X BOTT
  BAFFIN B      20     71 30.0  69 30.0     68 10  3 20  317  795       X  X BOTT
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BAFFIN B	18	72	46.0	60	.0	68	10	3	3	317	666		X	X	BOTT	
BAFFIN B	19	72	44.0	64	3.0	68	10	3	10	316	2200		X	X	BOTT	
BAFFIN B	16	73	40.0	60	.0	68	10	2	18	150	190		X	X	BOTT	
MELV BAY	12	74	28.0	64	3.0	68	10	2	1	292	759		X	X	BOTT	
MELV BAY	11	75	29.0	63	1.0	68	10	1	20	183	205		X	X	BOTT	
MELV BAY	10	75	25.0	64	12.0	68	10	1	17	140	155		X	X	BOTT	
BAFFIN B	8	72	44.0	72	6.0	68	9	30	21	300	1061		X	X	BOTT	
BAFFIN B	7	72	45.0	73	30.0	68	9	30	18	300	823		X	X	BOTT	
BAFFIN B	6	73	24.0	73	16.0	68	9	30	14	300	952		X	X	BOTT	
BAFFIN B	5	73	25.0	74	46.0	68	9	30	11	262	951		X	X	BOTT	
BAFFIN B	9	74	31.0	70	2.0	68	10	1	6	300	1646		X	X	BOTT	
BAFFIN B	4	74	30.5	76	40.0	68	9	30	4	300	603		X	X	BOTT	
BAFFIN B	3	74	29.0	78	.0	68	9	30	0	350	649		X	X	BOTT	
BAFFIN B	2	75	55.0	76	30.0	68	9	29	15	270	278		X	X	BOTT	
SMITH SD	1	78	.0	74	8.0	68	9	24	23	468	683		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 68-0007
YEAR:1968 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	 MIN	LON DEG	 MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
SMITH SD	28	76	.0	71	30.0	68	9	11	7	424	466		X	X	BOTT		
SMITH SD	29	76	7.5	71	27.0	68	9	11	9	500	559		X	X	BOTT		
SMITH SD	30	76	13.0	71	31.0	68	9	11	11	549	615		X	X	BOTT		
SMITH SD	31	76	22.0	71	30.0	68	9	11	13	599	686		X	X	BOTT		
SMITH SD	32	76	28.0	71	30.0	68	9	11	15	450	475		X	X	BOTT		
SMITH SD	33	76	33.0	71	34.0	68	9	11	18	475	480		X	X	BOTT		
SMITH SD	34	76	42.4	71	30.0	68	9	11	20	650	700		X	X	BOTT		
SMITH SD	35	76	43.0	71	40.0	68	9	11	23	844	914		X	X	BOTT		
SMITH SD	36	76	54.0	71	51.0	68	9	12	1	850	923		X	X	BOTT		
SMITH SD	67	76	6.5	71	27.5	68	9	19	17	447	495		X	X	BOTT		
SMITH SD	68	76	14.0	71	30.0	68	9	19	19	525	567		X	X	BOTT		

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SMITH SD     69    76 15.0  71 30.0    68   9 19 21  649  692      X   X BOTT
SMITH SD     70    76 29.2  71 31.8    68   9 19 23  529  527      X   X BOTT
SMITH SD     71    76 30.0  71 32.0    68   9 20  1  450  495      X   X BOTT
SMITH SD     72    76 36.3  71 30.6    68   9 20  4  450  500      X   X BOTT
SMITH SD     73    76 47.2  71 30.0    68   9 20  7  650  695      X   X BOTT
SMITH SD     74    76 46.2  71 40.0    68   9 20  9  849  906      X   X BOTT
SMITH SD     75    76 55.0  71 30.0    68   9 20 11  900  975      X   X BOTT
SMITH SD     76    76 52.0  71 53.0    68   9 20 13  800  889      X   X BOTT
SMITH SD     8     76 48.0  72 28.0    68   9  9  7  250  265      X   X BOTT
SMITH SD     9     76 52.0  72   .0    68   9  9  8  890  914      X   X BOTT
SMITH SD     77    76 42.5  72 30.0    68   9 20 15  199  223      X   X BOTT
SMITH SD     7     76 41.0  73 46.0    68   9  9  4  470  492      X   X BOTT
SMITH SD     6     76 38.0  74 30.0    68   9  9  1  550  567      X   X BOTT
SMITH SD     20    76 53.0  74 30.0    68   9 10 11  500  577      X   X BOTT
SMITH SD     21    76 46.0  74 30.0    68   9 10 13  580  600      X   X BOTT
SMITH SD     22    76 39.0  74 29.0    68   9 10 15  500  567      X   X BOTT
SMITH SD     24    76 25.0  74 30.0    68   9 10 20  474  503      X   X BOTT
SMITH SD     25    76 18.0  74 30.0    68   9 10 22  450  479      X   X BOTT
SMITH SD     26    76 12.0  74 34.0    68   9 11  0  400  444      X   X BOTT
SMITH SD     27    76   .0  74 28.5    68   9 11  3  375  406      X   X BOTT
SMITH SD     58    76 54.7  74 32.0    68   9 15  0  485  516      X   X BOTT
SMITH SD     59    76 39.0  74 30.0    68   9 15  2  450  585      X   X BOTT
SMITH SD     78    76 40.6  74   .0    68   9 20 18  499  530      X   X BOTT
SMITH SD     79    76 38.0  74 30.0    68   9 20 21  559  601      X   X BOTT
SMITH SD     85    76   .0  74 30.0    68   9 21 13  354  406      X   X BOTT
SMITH SD     4     76 37.0  75 30.2    68   9  8 22  350  393      X   X BOTT
SMITH SD     5     76 38.0  75   .0    68   9  8 23  450  466      X   X BOTT
SMITH SD     80    76 38.4  75  1.0    68   9 21  0  421  466      X   X BOTT
SMITH SD     81    76 37.2  75 30.0    68   9 21  3  321  366      X   X BOTT
SMITH SD     2     76 33.0  76 30.1    68   9  8 18   65   73      X   X BOTT
SMITH SD     3     76 35.0  76   .0    68   9  8 20  300  311      X   X BOTT
SMITH SD     82    76 35.3  76   .5    68   9 21  6  312  336      X   X BOTT
SMITH SD     83    76 34.4  76 31.0    68   9 21  7   89  110      X   X BOTT
SMITH SD     1     76 31.0  77  7.0    68   9  8 17  175  180      X   X BOTT
SMITH SD     84    76 32.0  77   .0    68   9 21  9  192  207      X   X BOTT
SMITH SD     10    77 55.5  71 27.0    68   9  9 10  880  997      X   X BOTT
SMITH SD     11    77  8.1  72   .5    68   9  9 14  854  714      X   X BOTT
SMITH SD     12    77  7.0  72 28.0    68   9  9 17  525  558      X   X BOTT
SMITH SD     37    77  4.0  72   .0    68   9 12  3 1000 1061      X   X BOTT
SMITH SD      38    77   7.0  72 30.0     68   9 12  5  500  576        X   X BOTT
SMITH SD      60    77    .0  72   .0     68   9 18 17 1000 1031        X   X BOTT
SMITH SD      61    77   8.0  72  8.0     68   9 18 19  949  985        X   X BOTT
SMITH SD      62    77   7.1  72 28.0     68   9 18 22  371  402        X   X BOTT
SMITH SD      13    77   7.0  73   .0     68   9  9 19  300  375        X   X BOTT
SMITH SD      14    77   7.0  73 28.0     68   9  9 21  433  440        X   X BOTT
SMITH SD      39    77  13.5  73 14.0     68   9 12  7  297  338        X   X BOTT
SMITH SD      40    77  17.5  73 48.0     68   9 12 10  287  373        X   X BOTT
SMITH SD      63    77   7.9  73  2.0     68   9 19  4  365  366        X   X BOTT
SMITH SD      64    77   7.8  73 28.3     68   9 19  5  423  466        X   X BOTT
SMITH SD      15    77   7.0  74  1.0     68   9 10  0  572  613        X   X BOTT
SMITH SD      16    77   6.8  74 38.5     68   9 10  2  674  675        X   X BOTT
SMITH SD      19    77    .0  74 32.0     68   9 10  9  544  594        X   X BOTT
SMITH SD      23    77  32.0  74 30.0     68   9 10 17  550  589        X   X BOTT
SMITH SD      41    77  25.0  74 18.0     68   9 12 12  545  604        X   X BOTT
SMITH SD      42    77  34.0  74 31.0     68   9 12 14  647  686        X   X BOTT
SMITH SD      43    77  42.5  74 39.5     68   9 12 17  616  658        X   X BOTT
SMITH SD      44    77  51.4  74 40.2     68   9 12 20  674  726        X   X BOTT
SMITH SD      54    77  58.0  74 34.0     68   9 14 13  671  732        X   X BOTT
SMITH SD      55    77  42.5  74 39.0     68   9 14 16  583  671        X   X BOTT
SMITH SD      56    77  24.5  74 28.0     68   9 14 18  684  750        X   X BOTT
SMITH SD      57    77   6.0  74 32.0     68   9 14 21  643  682        X   X BOTT
SMITH SD      65    77   7.6  74  2.8     68   9 19  7  570  627        X   X BOTT
SMITH SD      66    77   7.1  74 29.4     68   9 19  9  598  677        X   X BOTT
SMITH SD      17    77   7.2  75   .0     68   9 10  3  600  630        X   X BOTT
SMITH SD      18    77   7.0  75 28.0     68   9 10  6  549  585        X   X BOTT
SMITH SD      86    77   6.8  76 32.0     68   9 23 22  293  300        X   X BOTT
SMITH SD      49    78    .0  73 27.0     68   9 13 17  313  357        X   X BOTT
SMITH SD      50    78  20.0  73 20.0     68   9 13 19   48  375        X   X BOTT
SMITH SD      51    78  21.0  73 50.0     68   9 13 21  443  494        X   X BOTT
SMITH SD      47    78   1.6  74 29.0     68   9 13 12  652  717        X   X BOTT
SMITH SD      48    78    .0  74   .0     68   9 13 15  564  664        X   X BOTT
SMITH SD      52    78  21.3  74 13.0     68   9 13 22  408  457        X   X BOTT
SMITH SD      53    78  20.0  74 50.0     68   9 14  2  550  604        X   X BOTT
SMITH SD      45    78   1.0  75 30.0     68   9 13  0  553  609        X   X BOTT
SMITH SD      46    78    .0  75   .0     68   9 13  2  630  702        X   X BOTT
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BOTTLE/CTD DATA SET NUMBER: 69-0004
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
MELV BAY	1	74 44.0	64 5.0	69	9	21	10	250	320		X	X	BOTT		
MELV BAY	2	74 54.0	64 3.0	69	9	21	12	200	230		X	X	BOTT		
MELV BAY	15	74 51.5	65 41.0	69	9	22	10	400	410		X	X	BOTT		
MELV BAY	16	74 41.5	65 49.0	69	9	22	11	900	970		X	X	BOTT		
BAFFIN B	17	74 42.0	67 20.0	69	9	22	15	1000	1010		X	X	BOTT		
BAFFIN B	18	74 52.0	67 15.0	69	9	22	17	1000	1000		X	X	BOTT		
BAFFIN B	31	74 58.0	68 52.5	69	9	23	18	900	930		X	X	BOTT		
BAFFIN B	32	74 48.0	69 6.0	69	9	23	20	1000	1020		X	X	BOTT		
MELV BAY	3	75 4.9	64 4.0	69	9	21	14	100	120		X	X	BOTT		
MELV BAY	4	75 14.0	64 4.0	69	9	21	15	125	160		X	X	BOTT		
MELV BAY	5	75 24.0	64 7.0	69	9	21	17	125	150		X	X	BOTT		
MELV BAY	6	75 33.0	64 4.0	69	9	21	19	400	450		X	X	BOTT		
MELV BAY	7	75 44.0	64 4.0	69	9	21	20	600	610		X	X	BOTT		
MELV BAY	8	75 54.0	64 4.0	69	9	21	21	600	600		X	X	BOTT		
MELV BAY	9	75 53.0	65 15.0	69	9	21	23	600	650		X	X	BOTT		
MELV BAY	10	75 42.0	65 20.0	69	9	22	2	500	570		X	X	BOTT		
MELV BAY	11	75 32.0	65 24.0	69	9	22	3	125	140		X	X	BOTT		
MELV BAY	12	75 22.0	65 29.0	69	9	22	5	200	200		X	X	BOTT		
MELV BAY	13	75 11.0	65 34.0	69	9	22	6	250	250		X	X	BOTT		
MELV BAY	14	75 2.0	65 35.0	69	9	22	8	300	310		X	X	BOTT		
MELV BAY	22	75 31.2	65 51.0	69	9	23	2	300	350		X	X	BOTT		
MELV BAY	23	75 39.0	66 46.0	69	9	23	3	500	500		X	X	BOTT		
MELV BAY	24	75 49.5	66 45.2	69	9	23	5	150	190		X	X	BOTT		
BAFFIN B	19	75 2.0	67 6.0	69	9	22	19	500	510		X	X	BOTT		
BAFFIN B	20	75 11.0	67 5.0	69	9	22	21	400	440		X	X	BOTT		
BAFFIN B	21	75 22.0	67 2.0	69	9	23	0	300	390		X	X	BOTT		
BAFFIN B	25	75 48.4	67 24.0	69	9	23	9	50	60		X	X	BOTT		

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BAFFIN B      26    75 45.3  67 44.0   69  9 23 10  200  210    X  X BOTT
BAFFIN B      27    75 36.0  67 56.8   69  9 23 12  250  260    X  X BOTT
BAFFIN B      89    75 35.6  67 58.0   69 10  2 15  250  290    X  X BOTT
BAFFIN B      90    75 45.2  67 44.3   69 10  2 16  200  220    X  X BOTT
BAFFIN B      28    75 27.0  68 12.0   69  9 23 13  300  310    X  X BOTT
BAFFIN B      29    75 17.0  68 24.0   69  9 23 15  400  440    X  X BOTT
BAFFIN B      30    75  7.0  68 35.0   69  9 23 16  600  620    X  X BOTT
BAFFIN B      39    75 51.0  68 50.0   69  9 24 10  300  320    X  X BOTT
BAFFIN B      83    75 50.0  68 50.0   69 10  1 20  300  310    X  X BOTT
BAFFIN B      87    75 17.0  68 24.0   69 10  2 11  400  470    X  X BOTT
BAFFIN B      88    75 26.0  68 11.0   69 10  2 14  250  300    X  X BOTT
BAFFIN B      36    75 25.0  69 48.0   69  9 24  4  500  550    X  X BOTT
BAFFIN B      37    75 35.5  69 28.0   69  9 24  6  400  490    X  X BOTT
BAFFIN B      38    75 42.8  69 12.0   69  9 24  9  300  360    X  X BOTT
BAFFIN B      82    75 48.0  69 43.0   69 10  1 18  400  450    X  X BOTT
BAFFIN B      84    75 42.5  69  8.5   69 10  2  6  400  450    X  X BOTT
BAFFIN B      85    75 32.8  69 28.5   69 10  2  8  400  470    X  X BOTT
BAFFIN B      86    75 25.0  69 48.0   69 10  2  9  500  540    X  X BOTT
SMITH SD      40    76   .3  68 30.0   69  9 24 12   75  100    X  X BOTT
SMITH SD      41    76  8.2  69 20.0   69  9 24 13  150  170    X  X BOTT
SMITH SD      42    76   .0  69 47.0   69  9 24 14  400  420    X  X BOTT
BAFFIN B      33    74 59.0  70 42.5   69  9 24  0  800  820    X  X BOTT
BAFFIN B      34    75  7.0  70 28.0   69  9 24  1  600  620    X  X BOTT
BAFFIN B      35    75 16.0  70  7.0   69  9 24  3  500  570    X  X BOTT
BAFFIN B      43    75 54.0  70 15.0   69  9 24 17  500  500    X  X BOTT
BAFFIN B      44    75 46.5  70 42.0   69  9 24 19  400  440    X  X BOTT
BAFFIN B      75    75 54.0  70 24.0   69 10  1  7  500  530    X  X BOTT
BAFFIN B      76    75 46.0  70 42.0   69 10  1  9  400  450    X  X BOTT
BAFFIN B      79    75 24.0  70 52.0   69 10  1 14  500  540    X  X BOTT
BAFFIN B      80    75 33.0  70 39.0   69 10  1 16  500  530    X  X BOTT
BAFFIN B      81    75 41.0  70  4.0   69 10  1 17  500  530    X  X BOTT
BAFFIN B      45    75 40.0  71 11.0   69  9 24 23  400  470    X  X BOTT
BAFFIN B      46    75 32.0  71 35.0   69  9 25  1  500  530    X  X BOTT
BAFFIN B      72    75 48.0  71 38.0   69 10  1  4  400  410    X  X BOTT
BAFFIN B      73    75 55.0  71 10.0   69 10  1  5  400  410    X  X BOTT
BAFFIN B      77    75 40.5  71  7.0   69 10  1 10  400  480    X  X BOTT
BAFFIN B      78    75 32.0  71 36.0   69 10  1 12  500  520    X  X BOTT
BAFFIN B      47    75 25.0  72  2.0   69  9 25  2  500  570    X  X BOTT
BAFFIN B      48    75 18.0  72 30.0   69  9 25  4  500  550    X  X BOTT
BAFFIN B      91    75 49.0   72 53.0    69  9 25  8   300  360      X  X BOTT
BAFFIN B      67    75 58.0   72 31.0    69  9 30 21   300  340      X  X BOTT
BAFFIN B      70    75 36.0   72 54.0    69 10  1  1   400  480      X  X BOTT
BAFFIN B      71    75 42.0   72 22.0    69 10  1  3   400  410      X  X BOTT
BAFFIN B      68    75 53.0   73  5.0    69  9 30 22   300  340      X  X BOTT
BAFFIN B      69    75 48.0   73 40.0    69 10  1  0   300  350      X  X BOTT
BAFFIN B      53    75 42.6   74 10.0    69  9 28  6   400  450      X  X BOTT
SMITH SD      62    76 38.8   70 52.3    69  9 28 23   200  210      X  X BOTT
SMITH SD      63    76 20.2   70 10.0    69  9 30 15   200  200      X  X BOTT
SMITH SD      64    76 14.0   70 46.0    69  9 30 17   600  610      X  X BOTT
SMITH SD      74    76  1.0   70 48.0    69 10  1  6   400  490      X  X BOTT
SMITH SD      49    76 59.9   71 34.0    69  9 27 23   700  720      X  X BOTT
SMITH SD      50    76 51.0   71 58.0    69  9 28  1   800  810      X  X BOTT
SMITH SD      61    76 33.9   71 31.0    69  9 28 21   400  440      X  X BOTT
SMITH SD      65    76  9.0   71 22.5    69  9 30 18   500  530      X  X BOTT
SMITH SD      66    76  4.0   71 55.0    69  9 30 19   400  430      X  X BOTT
SMITH SD      94    76 16.5   72 39.0    69  9 25 13   400  440      X  X BOTT
SMITH SD      51    76 52.0   72 22.0    69  9 28  2   300  360      X  X BOTT
SMITH SD      59    76 25.0   72 47.0    69  9 28 18   500  530      X  X BOTT
SMITH SD      60    76 29.0   72  7.0    69  9 28 20   300  370      X  X BOTT
SMITH SD      92    76   .0   73 30.0    69  9 25 10   300  340      X  X BOTT
SMITH SD      93    76  7.5   73 15.0    69  9 25 11   300  340      X  X BOTT
SMITH SD      52    76 45.0   73 27.0    69  9 28  4   150  160      X  X BOTT
SMITH SD      58    76 21.0   73 24.0    69  9 28 17   500  550      X  X BOTT
SMITH SD      54    76 40.8   74 49.0    69  9 28  8   500  470      X  X BOTT
SMITH SD      56    76 12.0   74 36.0    69  9 28 14   250            X  X BOTT
SMITH SD      57    76 17.0   74  2.0    69  9 28 16   400  420      X  X BOTT
SMITH SD      55    76 37.2   75 36.0    69  9 28 10   400  430      X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 69-0005
YEAR:1969 VESSEL/AGENCY: KB2 ICE ISLAND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
NARES ST	1	79	16.0	72	48.0	69	5	7	20	230	237		X	X	BOTT		
NARES ST	2	79	16.0	72	48.0	69	5	8	4	230	237		X	X	BOTT		
NARES ST	3	79	16.0	72	48.0	69	5	8	12	230	237		X	X	BOTT		
NARES ST	4	79	16.0	72	48.0	69	5	8	20	230	237		X	X	BOTT		
NARES ST	5	79	16.0	72	48.0	69	5	9	2	230	237		X	X	BOTT		
NARES ST	6	79	16.0	72	48.0	69	5	9	4	230	237		X	X	BOTT		
NARES ST	7	79	16.0	72	48.0	69	5	9	12	230	237		X	X	BOTT		
NARES ST	8	79	16.0	72	48.0	69	5	9	20	235	237		X	X	BOTT		
NARES ST	9	79	16.0	72	48.0	69	5	9	22	235	237		X	X	BOTT		
NARES ST	10	79	16.0	72	48.0	69	5	10	4	235	237		X	X	BOTT		
NARES ST	11	79	16.0	72	48.0	69	5	10	12	235	237		X	X	BOTT		
NARES ST	12	79	16.0	72	48.0	69	5	10	16	235	237		X	X	BOTT		
NARES ST	13	79	16.0	72	48.0	69	5	10	19	235	237		X	X	BOTT		
NARES ST	14	79	16.0	72	48.0	69	5	11	4	235	237		X	X	BOTT		
NARES ST	15	79	16.0	72	48.0	69	5	11	12	235	237		X	X	BOTT		
NARES ST	16	79	16.0	72	48.0	69	5	11	20	235	237		X	X	BOTT		
NARES ST	17	79	16.0	72	48.0	69	5	11	22	235	237		X	X	BOTT		
NARES ST	18	79	16.0	72	48.0	69	5	12	4	235	237		X	X	BOTT		
NARES ST	19	79	16.0	72	48.0	69	5	12	12	235	237		X	X	BOTT		
NARES ST	20	79	16.0	72	48.0	69	5	12	20	235	237		X	X	BOTT		
NARES ST	21	79	16.0	72	48.0	69	5	12	22	235	237		X	X	BOTT		
NARES ST	22	79	16.0	72	48.0	69	5	13	4	235	237		X	X	BOTT		
NARES ST	23	79	16.0	72	48.0	69	5	13	12	235	237		X	X	BOTT		
NARES ST	24	79	16.0	72	48.0	69	5	13	18	235	237		X	X	BOTT		
NARES ST	25	79	16.0	72	48.0	69	5	13	19	235	237		X	X	BOTT		
NARES ST	26	79	16.0	72	48.0	69	5	14	4	235	237		X	X	BOTT		
NARES ST	27	79	16.0	72	48.0	69	5	14	12	235	237		X	X	BOTT		

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NARES ST    28   79 16.0  72 48.0   69  5 14 15  235  237    X  X BOTT
NARES ST    29   79 16.0  72 48.0   69  5 14 20  235  237    X  X BOTT
NARES ST    30   79 16.0  72 48.0   69  5 15  4  235  237    X  X BOTT
NARES ST    31   79 16.0  72 48.0   69  5 15 12  235  237    X  X BOTT
NARES ST    32   79 16.0  72 48.0   69  5 15 19  240  237    X  X BOTT
NARES ST    33   79 16.0  72 48.0   69  5 15 19  235  237    X  X BOTT
NARES ST    34   79 16.0  72 48.0   69  5 16  0  235  237    X  X BOTT
NARES ST    35   79 16.0  72 48.0   69  5 16  4  235  237    X  X BOTT
NARES ST    36   79 16.0  72 48.0   69  5 16 12  235  237    X  X BOTT
NARES ST    37   79 16.0  72 48.0   69  5 16 18  235  237    X  X BOTT
NARES ST    38   79 16.0  72 48.0   69  5 16 20  235  237    X  X BOTT
NARES ST    39   79 16.0  72 48.0   69  5 17  3  235  237    X  X BOTT
NARES ST    40   79 16.0  72 48.0   69  5 17 12  235  237    X  X BOTT
NARES ST    41   79 16.0  72 48.0   69  5 17 19  235  237    X  X BOTT
NARES ST    42   79 16.0  72 48.0   69  5 17 20  240  237    X  X BOTT
NARES ST    43   79 16.0  72 48.0   69  5 18  1  235  237    X  X BOTT
NARES ST    44   79 16.0  72 48.0   69  5 18  3  235  237    X  X BOTT
NARES ST    45   79 16.0  72 48.0   69  5 18 12  235  237    X  X BOTT
NARES ST    46   79 16.0  72 48.0   69  5 18 17  235  237    X  X BOTT
NARES ST    47   79 16.0  72 48.0   69  5 18 19  232  237    X  X BOTT
NARES ST    48   79 16.0  72 48.0   69  5 19  4  235  237    X  X BOTT
NARES ST    49   79 16.0  72 48.0   69  5 19 12  235  237    X  X BOTT
NARES ST    50   79 16.0  72 48.0   69  5 19 16  235  237    X  X BOTT
NARES ST    51   79 16.0  72 48.0   69  5 19 20  234  237    X  X BOTT
NARES ST    52   79 16.0  72 48.0   69  5 20  4  235  237    X  X BOTT
NARES ST    53   79 16.0  72 48.0   69  5 20  6  235  237    X  X BOTT
NARES ST    54   79 16.0  72 48.0   69  5 20 14  235  237    X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 69-0006
YEAR:1969 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
DISKO IS	14	72	55.4	55	27.2	69	8	23	14	961	980		X	X	BOTT	
DISKO IS	13	72	33.9	56	9.0	69	8	21	23	313	320		X	X	BOTT	
DISKO IS	16	72	45.0	57	.0	69	8	24	13	207	218		X	X	BOTT	
BAFFIN B	17	72	38.5	58	4.0	69	8	24	16	161	172		X	X	BOTT	
BAFFIN B	18	72	32.9	58	55.5	69	8	24	18	237	245		X	X	BOTT	
BAFFIN B	19	72	28.0	59	48.0	69	8	24	21	415	410		X	X	BOTT	
BAFFIN B	12	73	35.5	55	57.0	69	8	21	20	792	816		X	X	BOTT	
MELV BAY	10	74	50.0	57	22.0	69	8	20	14	327	366		X	X	BOTT	
MELV BAY	11	74	50.0	57	22.0	69	8	20	22	934			X	X	BOTT	
MELV BAY	33	74	29.8	57	47.0	69	8	26	22	831	850		X	X	BOTT	
MELV BAY	32	74	29.0	58	47.0	69	8	26	19	319	342		X	X	BOTT	
MELV BAY	31	74	18.0	59	55.0	69	8	26	17	721	732		X	X	BOTT	
MELV BAY	9	75	11.0	58	53.0	69	8	19	18	210	274		X	X	BOTT	
MELV BAY	5	75	41.0	59	8.0	69	8	18	15	354	371		X	X	BOTT	
MELV BAY	6	75	39.0	59	14.0	69	8	18	18	175	172		X	X	BOTT	
MELV BAY	7	75	36.0	59	45.0	69	8	18	23	548	630		X	X	BOTT	
MELV BAY	8	75	10.8	59	10.5	69	8	19	16	777	795		X	X	BOTT	
BAFFIN B	20	72	23.0	60	45.0	69	8	24	23	602	610		X	X	BOTT	
BAFFIN B	15	72	17.0	61	46.5	69	8	24	2	1635	1836		X	X	BOTT	
BAFFIN B	21	72	11.0	62	45.0	69	8	25	5	2120	2110		X	X	BOTT	
BAFFIN B	22	72	5.0	63	30.0	69	8	25	9	2193	2200		X	X	BOTT	
BAFFIN B	23	72	31.5	63	59.5	69	8	25	14	2175	2220		X	X	BOTT	
BAFFIN B	24	72	57.0	64	28.5	69	8	25	19	2078	2100		X	X	BOTT	
BAFFIN B	25	73	24.5	64	58.0	69	8	25	23	2162	2185		X	X	BOTT	
BAFFIN B	27	73	55.5	64	15.0	69	8	26	8	825	850		X	X	BOTT	
BAFFIN B	26	73	48.7	65	29.5	69	8	26	4	2165	2195		X	X	BOTT	
MELV BAY	30	74	14.0	61	1.0	69	8	26	15	633	642		X	X	BOTT	

MELV BAY	29	74	7.5	62	8.0	69	8	26	12	596	625		X	X	BOTT	
MELV BAY	28	74	3.0	63	10.0	69	8	26	10	678	723		X	X	BOTT	
MELV BAY	3	75	53.6	60	19.5	69	8	15	18	376	393		X	X	BOTT	
MELV BAY	4	75	50.0	60	37.5	69	8	15	21	682	703		X	X	BOTT	
MELV BAY	34	75	57.0	60	47.0	69	8	27	14	155	164		X	X	BOTT	
MELV BAY	35	75	45.0	61	2.0	69	8	27	19	429			X	X	BOTT	
MELV BAY	36	76	5.0	61	50.0	69	8	28	15	500	512		X	X	BOTT	
MELV BAY	1	76	14.2	62	59.3	69	8	14	16	401	413		X	X	BOTT	
MELV BAY	2	76	5.0	63	10.0	69	8	14	22	457	465		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 69-0007
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	23	68	40.0	65	1.0	69	10	10	1	100	120		X	X	BOTT		
BAFFIN B	24	69	.0	60	2.0	69	10	10	10	235	1470		X	X	BOTT		
DISKO IS	26	70	.0	56	.0	69	10	11	2	47	136		X	X	BOTT		
BAFFIN B	13	72	46.0	58	32.0	69	10	7	8	150	182		X	X	BOTT		
BAFFIN B	14	72	44.5	59	59.0	69	10	7	11	250	668		X	X	BOTT		
BAFFIN B	12	73	40.5	58	30.0	69	10	7	3	239	356		X	X	BOTT		
BAFFIN B	11	73	41.0	59	58.0	69	10	7	0	250	310		X	X	BOTT		
MELV BAY	10	74	30.0	58	15.0	69	10	6	19	198	220		X	X	BOTT		
MELV BAY	9	74	32.0	59	25.5	69	10	6	16	240	732		X	X	BOTT		
BAFFIN B	25	70	30.0	60	6.0	69	10	10	18	240	677		X	X	BOTT		
BAFFIN B	22	71	24.0	65	6.0	69	10	9	12	245	2268		X	X	BOTT		
BAFFIN B	21	71	30.0	68	.0	69	10	9	3	239	1820		X	X	BOTT		
BAFFIN B	20	71	30.0	69	32.5	69	10	8	23	250	787		X	X	BOTT		
BAFFIN B	15	72	45.0	64	.0	69	10	7	16	247	2195		X	X	BOTT		
MELV BAY	6	74	30.0	64	.0	69	10	6	3	250	558		X	X	BOTT		
MELV BAY	8	75	25.6	62	58.0	69	10	6	10	199	210		X	X	BOTT		
MELV BAY	7	75	25.0	64	15.0	69	10	6	8	150	160		X	X	BOTT		

BAFFIN B	19	72	45.0	72	.0	69	10	8	15	250	1076		X	X	BOTT
BAFFIN B	18	72	44.9	73	29.5	69	10	8	13	248	823		X	X	BOTT
BAFFIN B	16	73	25.0	73	20.0	69	10	8	6	214	896		X	X	BOTT
BAFFIN B	17	73	24.0	74	46.0	69	10	8	8	245	952		X	X	BOTT
BAFFIN B	5	74	30.0	70	.0	69	10	5	19	246	1463		X	X	BOTT
BAFFIN B	4	74	29.5	76	46.0	69	10	5	11	250	620		X	X	BOTT
BAFFIN B	3	74	29.0	77	56.0	69	10	5	8	250	589		X	X	BOTT
BAFFIN B	2	75	56.0	76	28.0	69	10	4	21	250	336		X	X	BOTT
SMITH SD	1	78	.0	74	.0	69	10	4	4	250	448		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 69-0008
YEAR:1969 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT		LON		DATE				CAST TO	WATER DEPTH	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	(M)	(M)	C	S	T		
NARES ST	4	79	45.0	66	8.0	69	9	8	4	154	158		X	X	BOTT	
NARES ST	5	79	45.5	67	58.0	69	9	8	13	90	96		X	X	BOTT	
NARES ST	9	79	19.2	68	7.0	69	9	10	8	302	285		X	X	BOTT	
NARES ST	10	79	15.0	68	59.0	69	9	10	11	308	345		X	X	BOTT	
NARES ST	6	79	44.0	69	4.0	69	9	8	15	100	136		X	X	BOTT	
SMITH SD	16	78	45.0	71	1.0	69	9	12	0	128	151		X	X	BOTT	
SMITH SD	17	78	44.4	72	.0	69	9	12	2	352	382		X	X	BOTT	
SMITH SD	18	78	43.9	72	58.0	69	9	12	8	251	263		X	X	BOTT	
SMITH SD	19	78	13.0	74	49.0	69	9	12	23	422	620		X	X	BOTT	
NARES ST	7	79	41.0	70	19.0	69	9	8	19	152	174		X	X	BOTT	
NARES ST	11	79	14.2	70	7.0	69	9	10	13	252	272		X	X	BOTT	
NARES ST	8	79	43.0	71	8.0	69	9	8	22	251	175		X	X	BOTT	
NARES ST	12	79	15.0	71	3.0	69	9	10	17	177	199		X	X	BOTT	
NARES ST	13	79	16.2	72	.0	69	9	10	20	153	183		X	X	BOTT	
NARES ST	14	79	17.0	72	39.0	69	9	10	21	205	222		X	X	BOTT	
NARES ST	15	79	15.0	73	48.0	69	9	11	3	203	238		X	X	BOTT	
NARES ST	1	80	15.0	68	.0	69	9	6	23	201	225		X	X	BOTT	

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 NARES ST      2    80 15.0  68 52.0    69  9  7  5  341  351      X  X BOTT
 NARES ST      3    80 12.5  69 38.0    69  9  7 11  300  326      X  X BOTT

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BOTTLE/CTD DATA SET NUMBER:  69-0011
YEAR:1969     VESSEL/AGENCY:  DAN.RES. VESSELS

   AREA       STN      LAT      LON         DATE      CAST WATER  PARAM  INSTR INT NO
                    DEG MIN  DEG MIN    YR MO DY HR   TO  DEPTH   MEAS          HR
                                                      (M)  (M)   C  S  T

 DISKO IS     48    68 23.0  55 19.0    69  6 16 24  425  435      X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 69-0012
YEAR:1969 VESSEL/AGENCY: A.T. CAMERON

AREA	STN	LAT DEG	LAT MIU	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	16	69	9.0	52	35.0	69	9	22	10	50	252		X	X	BOTT		
DISKO IS	17	69	9.0	52	30.0	69	9	22	22	50	310		X	X	BOTT		
DISKO IS	18	69	8.0	52	30.0	69	9	23	10	50	374		X	X	BOTT		
DISKO IS	19	69	8.5	52	23.0	69	9	23	21	50	292		X	X	BOTT		
DISKO IS	20	69	7.2	52	36.0	69	9	24	10	50	384		X	X	BOTT		
DISKO IS	21	69	9.0	52	25.0	69	9	24	21	50	365		X	X	BOTT		
DISKO IS	22	69	9.5	52	32.2	69	9	25	10	50	384		X	X	BOTT		
DISKO IS	23	69	11.5	52	30.0	69	9	25	21	50	420		X	X	BOTT		
DISKO IS	24	69	9.0	52	25.0	69	9	26	10	50	411		X	X	BOTT		
DISKO IS	25	69	8.5	52	16.5	69	9	26	19	50	429		X	X	BOTT		
DISKO IS	26	69	7.5	52	33.0	69	9	27	10	50	365		X	X	BOTT		
DISKO IS	27	69	7.0	52	29.0	69	9	27	17	50	411		X	X	BOTT		
DISKO IS	28	69	10.0	52	24.0	69	9	29	10	50	393		X	X	BOTT		
DISKO IS	29	69	14.5	52	14.0	69	9	29	20	50	380		X	X	BOTT		
DISKO IS	30	69	8.0	52	26.0	69	9	30	10	50	292		X	X	BOTT		
DISKO IS	31	69	11.0	52	36.0	69	9	30	16	50	402		X	X	BOTT		
DISKO IS	32	69	8.0	52	33.0	69	10	1	10	50	278		X	X	BOTT		
DISKO IS	33	69	6.5	52	29.0	69	10	1	21	50	420		X	X	BOTT		
DISKO IS	34	69	8.0	52	29.0	69	10	2	10	50	292		X	X	BOTT		
DISKO IS	35	69	6.5	52	37.0	69	10	2	15	50	374		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 69-0013
YEAR:1969 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
SMITH SD	1	78 18.9	73 5.0	69	7	28	20	168	183		X	X	BOTT	
SMITH SD	2	78 22.4	73 27.0	69	7	28	22	349	439		X	X	BOTT	
SMITH SC	3	78 26.5	73 53.9	69	7	29	1	406	466		X	X	BOTT	
SMITH SC	7	78 19.8	73 5.5	69	7	29	11	188	201		X	X	BOTT	
SMITH SD	8	78 21.9	73 27.0	69	7	29	12	401	476		X	X	BOTT	
SMITH SD	9	78 27.9	73 44.0	69	7	29	15	508	540		X	X	BOTT	
SMITH SD	13	78 19.0	73 5.5	69	7	30	1	191	211		X	X	BOTT	
SMITH SD	14	78 23.6	73 28.7	69	7	30	3	442	474		X	X	BOTT	
SMITH SD	15	78 27.5	73 40.7	69	7	30	6	585	585		X	X	BOTT	
SMITH SD	4	78 31.4	74 .5	69	7	29	3	353	354		X	X	BOTT	
SMITH SD	5	78 33.2	74 21.8	69	7	29	5	355	384		X	X	BOTT	
SMITH SD	6	78 35.2	74 34.3	69	7	29	7	287	301		X	X	BOTT	
SMITH SD	10	78 30.5	74 2.0	69	7	29	18	447	494		X	X	BOTT	
SMITH SD	11	78 32.3	74 24.0	69	7	29	19	342	372		X	X	BOTT	
SMITH SD	12	78 35.5	74 34.0	69	7	29	21	218	274		X	X	BOTT	
SMITH SD	16	78 30.4	74 2.0	69	7	30	7	287	430		X	X	BOTT	
SMITH SD	17	78 33.8	74 20.0	69	7	30	9	307	315		X	X	BOTT	
SMITH SD	18	78 34.3	74 37.3	69	7	30	11	298	300		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 70-0002
YEAR:1970 VESSEL/AGENCY: HUDSON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		HR	
BAFFIN B	291	74	1.0	79	56.0	70	10	1	20	782	805		X	X	BOTT		
BAFFIN B	297	69	.0	59	39.5	70	10	9		397	874		X	X	BOTT		
BAFFIN B	296	71	.9	59	48.8	70	10	8		400	418		X	X	BOTT		
BAFFIN B	293	71	2.0	64	54.0	70	10	5		201	2120		X	X	BOTT		
BAFFIN B	294	72	17.5	66	2.0	70	10	6		201	2337		X	X	BOTT		
BAFFIN B	295	72	16.0	67	40.0	70	10	7		391	2318		X	X	BOTT		
BAFFIN B	292	72	13.0	69	50.0	70	10	4		200	1801		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0006A
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		HR	
BAFFIN B	17	74	51.0	69	4.0	70	7	26	10	429	1372		X	X	BOTT*		
MELV BAY	22	75	45.7	66	46.0	70	7	26	21	45	123		X	X	BOTT		
BAFFIN B	20	75	29.4	67	39.0	70	7	26	18	295	430		X	X	BOTT		
BAFFIN B	21	75	43.0	67	11.0	70	7	26	19	294	466		X	X	BOTT		
BAFFIN B	18	75	4.0	68	37.0	70	7	26	12	492	750		X	X	BOTT		
BAFFIN B	19	75	15.0	68	8.0	70	7	26	15	395	493		X	X	BOTT		
BAFFIN B	23	75	46.0	68	29.0	70	7	27	5	194	285		X	X	BOTT		
BAFFIN B	24	75	32.0	69	5.0	70	7	27	8	485	538		X	X	BOTT		

*A Bisset-Berman 9060 CTD was also used. See Appendix 1 and 70-0006B.

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BAFFIN B       25     75 23.0  69 46.0     70   7 27 10   483  635       X   X BOTT
BAFFIN B       27     75 56.4  69 34.0     70   7 27 16   395  457       X   X BOTT
SMITH SD       28     76  4.3  69   .0     70   7 27 18    45  146       X   X BOTT
SMITH SD       29     76 12.0  69 47.0     70   7 27 20    95  207       X   X BOTT
BAFFIN B       12     73 56.0  74 50.0     70   7 25 20   531  878       X   X BOTT
BAFFIN B       11     73 46.0  75 31.0     70   7 25 18   794  914       X   X BOTT
BAFFIN B       10     73 41.0  76 12.0     70   7 25 15   690  914       X   X BOTT
ECLIPSE        8      73 38.5  77 35.0     70   7 25 11   657 1079       X   X BOTT
ECLIPSE        9      73 30.0  77   .0     70   7 25 13   649 1024       X   X BOTT
ECLIPSE        67     73 56.0  77 53.0     70   8  5 19   469  869       X   X BOTT
ECLIPSE        7      73 43.5  78 14.6     70   7 25  7   645 1006       X   X BOTT
ECLIPSE        4      73 55.5  79 59.6     70   7 25  1   341  815       X   X BOTT
ECLIPSE        6      73 43.7  79  4.8     70   7 25  5   483  860       X   X BOTT
BAFFIN B       16     74 36.0  70 50.0     70   7 26  5   495 1372       X   X BOTT
BAFFIN B       15     74 20.0  72 18.0     70   7 26  2   775  988       X   X BOTT
BAFFIN B       14     74 11.0  73 17.0     70   7 26  0   377  786       X   X BOTT
BAFFIN B       13     74  4.0  74  5.0     70   7 25 22   510  786       X   X BOTT
BAFFIN B       72     74 57.0  75 17.0     70   8  6  5   286  420       X   X BOTT
BAFFIN B       70     74 37.0  76 48.0     70   8  6  1   400  503       X   X BOTT
BAFFIN B       71     74 48.0  76  6.5     70   8  6  3   300  421       X   X BOTT
BAFFIN B       62     74 54.0  77 43.0     70   8  5  4   200  280       X   X BOTT
BAFFIN B       68     74  9.9  77 31.8     70   8  5 21   492  786       X   X BOTT
BAFFIN B       69     74 24.0  77  8.0     70   8  5 23   498  650       X   X BOTT
BAFFIN B       63     74 44.7  78 35.6     70   8  5 10   298  420       X   X BOTT
BAFFIN B       64     74 30.5  78 39.0     70   8  5 12   392  560       X   X BOTT
BAFFIN B       65     74 15.0  78 50.0     70   8  5 14   479  878       X   X BOTT
BAFFIN B       1      74 30.6  79 58.9     70   7 24 18   532  658       X   X BOTT
BAFFIN B       66     74  3.0  79  7.0     70   8  5 17   695  823       X   X BOTT
BAFFIN B       26     75 46.0  70 26.0     70   7 27 13   481  530       X   X BOTT
BAFFIN B       56     75 57.3  71 33.0     70   8  4 19   293  412       X   X BOTT
BAFFIN B       74     75 29.0  71 50.0     70   8  6 12   386  603       X   X BOTT
BAFFIN B       75     75 36.5  71  2.0     70   8  6 14   326  518       X   X BOTT
BAFFIN B       57     75 50.0  72 25.0     70   8  4 21   293  384       X   X BOTT
BAFFIN B       58     75 38.5  73 43.0     70   8  4 23   297  402       X   X BOTT
BAFFIN B       73     75 13.8  73 38.0     70   8  6  9   513  713       X   X BOTT
BAFFIN B       50     75 58.5  74 40.0     70   8  2  5   283  384       X   X BOTT
BAFFIN B       59     75 26.8  74 56.5     70   8  5  2   396  457       X   X BOTT
BAFFIN B       49     75 51.7  75 40.4     70   8  2  3   280  393       X   X BOTT
BAFFIN B       48     75 43.0  76 21.0     70   8  2  1   245  320       X   X BOTT
BAFFIN B      60     75 13.0  76 15.0     70  8  5  4   299  360       X  X BOTT
BAFFIN B      61     75  4.0  76 59.0     70  8  5  7   191  311       X  X BOTT
BAFFIN B      46     75 24.0  77 56.0     70  8  1 22   287  448       X  X BOTT
BAFFIN B      47     75 35.0  77 14.0     70  8  2  0   290  366       X  X BOTT
BAFFIN B      45     75 12.0  78 48.0     70  8  1 18   487  603       X  X BOTT
BAFFIN B      43     75 43.0  79 46.0     70  8  1 14   490  550       X  X BOTT
BAFFIN B      44     75 38.0  79 45.5     70  8  1 15   480  549       X  X BOTT
SMITH  SD     54     76 28.0  70 59.0     70  8  2 13    94  292       X  X BOTT
SMITH  SD     55     76  5.0  70 42.0     70  8  4 17   389  549       X  X BOTT
SMITH  SD     35     76 54.0  71 31.0     70  7 31 14   484 1004       X  X BOTT
SMITH  SD     36     76 48.3  72 11.0     70  7 31 16   376  466       X  X BOTT
SMITH  SD     52     76 14.5  72 47.0     70  8  2  9   383  494       X  X BOTT
SMITH  SD     53     76 21.0  72   .0     70  8  2 11   493  567       X  X BOTT
SMITH  SD     37     76 41.0  73 38.0     70  7 31 20   390  549       X  X BOTT
SMITH  SD     51     76  7.5  73 45.0     70  8  2  7   264  420       X  X BOTT
SMITH  SD     38     76 46.0  74 35.0     70  7 31 22   487  585       X  X BOTT
SMITH  SD     39     76 35.0  75 43.5     70  8  1  1   189  284       X  X BOTT
SMITH  SD     40     76 32.5  76 41.5     70  8  1  2    95  185       X  X BOTT
SMITH  SD     41     76 27.5  77 52.0     70  8  1  4   177  320       X  X BOTT
SMITH  SD     42     76 11.5  79  7.5     70  8  1  8    69  110       X  X BOTT
SMITH  SD     34     77 24.0  74  8.0     70  7 31 10   295  315       X  X BOTT
SMITH  SD     33     77 24.0  75 19.0     70  7 31  7   389  625       X  X BOTT
SMITH  SD     30     78 24.0  73 23.0     70  7 30 19   354  439       X  X BOTT
SMITH  SD     31     78 26.5  74 10.0     70  7 30 22   230  556       X  X BOTT
SMITH  SD     32     78 31.3  74 22.0     70  7 31  0   250  357       X  X BOTT
ECLIPSE        5     73 45.0  80   .0     70  7 25  3   690  823       X  X BOTT
BAFFIN B       3     74  7.8  80   .0     70  7 24 22   690  805       X  X BOTT
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BOTTLE/CTD DATA SET NUMBER: 70-0011
YEAR:1970 VESSEL/AGENCY: SOUTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	19	68	42.0	65	4.0	70	10	19	16	147	183		X	X	BOTT		
BAFFIN B	20	70	30.0	59	55.0	70	10	20	15	243	658		X	X	BOTT		
BAFFIN B	29	72	45.0	58	35.0	70	10	23	10	150	174		X	X	BOTT		
BAFFIN B	30	73	40.0	58	30.0	70	10	23	15	250	338		X	X	BOTT		
MELV BAY	32	74	31.0	58	13.0	70	10	23	22	150	192		X	X	BOTT		
MELV BAY	33	74	31.0	59	36.0	70	10	24	1	243	713		X	X	BOTT		
BAFFIN B	21	71	3.0	65	3.0	70	10	21	1	240	2286		X	X	BOTT		
BAFFIN B	22	71	29.0	68	.0	70	10	21	6	238	1920		X	X	BOTT		
BAFFIN B	23	71	30.0	69	30.0	70	10	21	9	235	895		X	X	BOTT		
BAFFIN B	28	72	41.0	60	.0	70	10	23	7	250	604		X	X	BOTT		
BAFFIN B	27	72	45.0	64	1.0	70	10	23	0	250	1920		X	X	BOTT		
BAFFIN B	31	73	40.0	60	.0	70	10	23	17	250	329		X	X	BOTT		
MELV BAY	34	74	31.0	64	2.0	70	10	24	7	250	512		X	X	BOTT		
MELV BAY	35	75	26.0	63	.0	70	10	24	12	200	219		X	X	BOTT		
MELV BAY	36	75	25.0	64	20.0	70	10	24	14	140	150		X	X	BOTT		
BAFFIN B	24	72	44.0	71	59.0	70	10	21	18	189	1024		X	X	BOTT		
BAFFIN B	25	73	23.0	73	18.0	70	10	22	3	228	887		X	X	BOTT		
BAFFIN B	26	73	23.0	74	38.0	70	10	22	7	250	927		X	X	BOTT		
BAFFIN B	37	74	30.0	70	3.0	70	10	25	0	250	1463		X	X	BOTT		
BAFFIN B	38	74	31.0	76	45.0	70	10	25	11	249	572		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0015
YEAR: 1970 VESSEL: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LONG DEG	LONG MIN	DATE YR	DATE MO	DATE DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INST
SMITH SD	25	77	33.1	66	46.5	70	8	23	22	397	448		X	X	BOTT
SMITH SD	26	77	36.2	66	34.2	70	8	24	0	471	512		X	X	BOTT
SMITH SD	27	77	42.0	66	25.0	70	8	24	4	253	274		X	X	BOTT
SMITH SD	28	77	25.0	66	40.0	70	8	24	7	181	201		X	X	BOTT
SMITH SD	29	77	23.0	66	32.0	70	8	24	9	324	338		X	X	BOTT
SMITH SD	30	77	18.8	66	26.0	70	8	24	11	312	329		X	X	BOTT
SMITH SD	31	77	16.0	66	8.0	70	8	24	13	202	229		X	X	BOTT
SMITH SD	20	77	29.5	68	33.5	70	8	23	6	480	933		X	X	BOTT
SMITH SD	21	77	29.0	68	30.0	70	8	23	8	600	730		X	X	BOTT
SMITH SD	22	77	32.0	68	30.0	70	8	23	12	493	512		X	X	BOTT
SMITH SD	23	77	38.2	68	38.0	70	8	23	15	275	293		X	X	BOTT
SMITH SD	24	77	41.5	68	40.0	70	8	23	17	180	201		X	X	BOTT
NARES ST	7	79	52.0	64	50.0	70	8	17	15	87	100		X	X	BOTT
NARES ST	1	79	20.0	65	39.0	70	8	16	0	87	91		X	X	BOTT
NARES ST	2	79	26.0	65	22.0	70	8	16	3	125	210		X	X	BOTT
NARES ST	3	79	32.0	65	4.0	70	8	16	17	209	226		X	X	BOTT
NARES ST	4	79	41.0	65	8.0	70	8	16	21	274	293		X	X	BOTT
NARES ST	5	79	48.9	65	13.0	70	8	17	1	242	256		X	X	BOTT
NARES ST	6	79	50.0	65	20.0	70	8	17	4	122	139		X	X	BOTT
SMITH SD	17	77	51.0	71	39.0	70	8	22	11	127	146		X	X	BOTT
SMITH SD	18	77	52.5	71	27.0	70	8	22	15	186	201		X	X	BOTT
SMITH SD	19	77	54.0	71	18.0	70	8	22	19	185	206		X	X	BOTT
NARES ST	8	80	39.0	67	12.0	70	8	18	13	315	356		X	X	BOTT
NARES ST	15	80	39.0	67	12.0	70	8	20	16	384	430		X	X	BOTT
NARES ST	16	80	16.5	68	52.0	70	8	20	21	325	330		X	X	BOTT
NARES ST	9	81	15.0	62	33.0	70	8	19	18	404	420		X	X	BOTT
NARES ST	10	81	15.5	63	16.0	70	8	19	21	288	338		X	X	BOTT
NARES ST	11	81	17.1	63	49.0	70	8	20	0	438	475		X	X	BOTT
NARES ST	12	81	18.6	64	11.0	70	8	20	1	364	411		X	X	BOTT
NARES ST	13	81	19.0	64	39.0	70	8	20	3	398	430		X	X	BOTT
NARES ST	14	81	1.0	66	.0	70	8	20	7	348	365		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 70-0013
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
SMITH SD	1	78	26.2	73	9.0	70	9	3	12	265	284		X	X	BOTT		
SMITH SD	2	78	28.0	73	27.5	70	9	3	14	453	476		X	X	BOTT		
SMITH SD	3	78	29.0	73	45.0	70	9	3	16	505	567		X	X	BOTT		
SMITH SD	7	78	26.0	73	4.0	70	9	4	3	224	274		X	X	BOTT		
SMITH SD	8	78	27.5	73	32.0	70	9	4	5	510	521		X	X	BOTT		
SMITH SD	9	78	29.9	73	44.0	70	9	4	7	457	475		X	X	BOTT		
SMITH SD	13	78	23.0	73	6.0	70	9	4	20	280	274		X	X	BOTT		
SMITH SD	14	78	28.0	73	28.0	70	9	4	21	433	503		X	X	BOTT		
SMITH SD	15	78	29.3	73	46.0	70	9	4	22	488	530		X	X	BOTT		
SMITH SD	19	78	55.0	73	10.0	70	9	5	7	302	320		X	X	BOTT		
SMITH SD	4	78	30.8	74	3.0	70	9	3	20	402	420		X	X	BOTT		
SMITH SD	5	78	32.0	74	22.0	70	9	3	22	298	310		X	X	BOTT		
SMITH SD	6	78	33.0	74	38.5	70	9	4	0	178	201		X	X	BOTT		
SMITH SD	10	78	29.2	74	10.0	70	9	4	9	302	503		X	X	BOTT		
SMITH SD	11	78	32.0	74	24.0	70	9	4	15	75	329		X	X	BOTT		
SMITH SD	12	78	36.0	74	41.5	70	9	4	16	190	210		X	X	BOTT		
SMITH SD	16	78	30.3	74	6.0	70	9	5	0	403	430		X	X	BOTT		
SMITH SD	17	78	32.0	74	23.0	70	9	5	1	319	347		X	X	BOTT		
SMITH SD	18	78	33.2	74	35.0	70	9	5	2	275	296		X	X	BOTT		
NARES ST	21	79	40.2	71	17.5	70	9	5	17	220	238		X	X	BOTT		
NARES ST	20	79	19.2	72	23.8	70	9	5	13	200	228		X	X	BOTT		
NARES ST	25	80	11.0	67	59.0	70	9	6	1	100	128		X	X	BOTT		
NARES ST	24	80	11.0	68	42.0	70	9	6	0	325	347		X	X	BOTT		
NARES ST	26	80	30.0	68	15.0	70	9	6	3	343	384		X	X	BOTT		
NARES ST	22	80	11.0	69	42.0	70	9	5	21	280	293		X	X	BOTT		
NARES ST	23	80	11.0	69	10.0	70	9	5	23	300	311		X	X	BOTT		
NARES ST	29	81	29.0	61	29.0	70	9	6	19	404	439		X	X	BOTT		

NARES ST	28	81	20.5	63	58.0	70	9	6	17	592	622		X	X	BOTT		
NARES ST	30	81	34.5	63	39.0	70	9	8	12	759	786		X	X	BOTT		
NARES ST	32	81	53.7	63	4.0	70	9	9	0	600	626		X	X	BOTT		
NARES ST	33	81	52.5	63	4.0	70	9	9	4	582	594		X	X	BOTT		
NARES ST	31	81	46.0	64	3.0	70	9	8	17	432	457		X	X	BOTT		
NARES ST	27	81	.0	66	.0	70	9	6	9	344	365		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 70-0006B
YEAR:1970 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	16	74	51.0	69	4.0	70	7	26	10	500	1372	X		X	BISS		
MELV BAY	21	75	45.7	66	46.0	70	7	26	21	75	123	X		X	BISS		
BAFFIN B	19	75	29.4	67	39.0	70	7	26	17	400	430	X		X	BISS		
BAFFIN B	20	75	43.0	67	11.0	70	7	26	19	400	466	X		X	BISS		
BAFFIN B	17	75	4.0	68	37.0	70	7	26	12	600	750	X		X	BISS		
BAFFIN B	18	75	15.0	68	8.0	70	7	26	15	400	493	X		X	BISS		
BAFFIN B	22	75	55.0	68	.0	70	7	27	2	250	300	X		X	BISS		
BAFFIN B	23	75	46.0	68	29.0	70	7	27	5	250	285	X		X	BISS		
BAFFIN B	24	75	32.0	69	5.0	70	7	27	8	500	538	X		X	BISS		
BAFFIN B	25	75	23.0	69	46.0	70	7	27	10	600	635	X		X	BISS		
BAFFIN B	27	75	56.4	69	34.0	70	7	27	16	400	457	X		X	BISS		
SMITH SD	28	76	4.3	69	.0	70	7	27	18	100	146	X		X	BISS		
SMITH SD	29	76	12.0	69	47.0	70	7	27	20	125	207	X		X	BISS		
BAFFIN B	11	73	56.0	74	50.0	70	7	25	20	800	878	X		X	BISS		
BAFFIN B	10	73	46.0	75	31.0	70	7	25	18	800	914	X		X	BISS		
BAFFIN B	9	73	41.0	76	12.0	70	7	25	15	800	914	X		X	BISS		
ECLIPSE	7	73	38.5	77	35.0	70	7	25	11	900	1079	X		X	BISS		
ECLIPSE	8	73	30.0	77	.0	70	7	25	13	900	1024	X		X	BISS		
ECLIPSE	67	73	56.0	77	53.0	70	8	5	19	700	869	X		X	BISS		
ECLIPSE	6	73	43.5	78	14.6	70	7	25	7	900	1006	X		X	BISS		

ECLIPSE	4	73	55.5	79	59.6	70	7	25	1	700	815	X	X	BISS
BAFFIN B	15	74	36.0	70	50.0	70	7	26	5	900	1372	X	X	BISS
BAFFIN B	14	74	20.0	72	18.0	70	7	26	2	800	988	X	X	BISS
BAFFIN B	13	74	11.0	73	17.0	70	7	26	0	700	786	X	X	BISS
BAFFIN B	12	74	4.0	74	5.0	70	7	25	22	700	786	X	X	BISS
BAFFIN B	72	74	57.0	75	17.0	70	8	6	5	400	420	X	X	BISS
BAFFIN B	70	74	37.0	76	48.0	70	8	6	1	400	503	X	X	BISS
BAFFIN B	71	74	48.0	76	6.5	70	8	6	3	300	421	X	X	BISS
BAFFIN B	62	74	54.0	77	43.0	70	8	5	9	225	280	X	X	BISS
BAFFIN B	68	74	9.9	77	31.8	70	8	5	21	700	786	X	X	BISS
BAFFIN B	69	74	24.0	77	8.0	70	8	5	23	600	650	X	X	BISS
BAFFIN B	63	74	44.7	78	35.8	70	8	5	10	300	420	X	X	BISS
BAFFIN B	64	74	30.0	78	39.0	70	8	5	12	500	560	X	X	BISS
BAFFIN B	65	74	15.0	78	50.0	70	8	5	14	700	878	X	X	BISS
BAFFIN B	1	74	30.6	79	58.9	70	7	24	18	500	658	X	X	BISS
BAFFIN B	66	74	3.0	79	7.0	70	8	5	17	700	823	X	X	BISS
BAFFIN B	26	75	46.0	70	26.0	70	7	27	13	500	530	X	X	BISS
BAFFIN B	56	75	57.3	71	33.0	70	8	4	19	300	412	X	X	BISS
BAFFIN B	74	75	29.0	71	50.0	70	8	6	13	500	603	X	X	BISS
BAFFIN B	75	75	36.5	71	2.0	70	8	6	14	400	518	X	X	BISS
BAFFIN B	57	75	50.0	72	25.0	70	8	4	21	300	384	X	X	BISS
BAFFIN B	58	75	38.5	73	43.0	70	8	4	23	300	402	X	X	BISS
BAFFIN B	73	75	13.8	73	38.0	70	8	6	9	600	713	X	X	BISS
BAFFIN B	50	75	58.5	74	40.0	70	8	2	5	300	384	X	X	BISS
BAFFIN B	59	75	26.8	74	56.5	70	8	5	2	400	457	X	X	BISS
BAFFIN B	49	75	51.7	75	40.4	70	8	2	3	300	393	X	X	BISS
BAFFIN B	48	75	43.0	76	21.0	70	8	2	1	250	320	X	X	BISS
BAFFIN B	60	75	13.0	76	15.0	70	8	5	5	300	360	X	X	BISS
BAFFIN B	61	75	4.0	76	59.0	70	8	5	7	250	311	X	X	BISS
BAFFIN B	46	75	24.0	77	56.0	70	8	1	22	300	448	X	X	BISS
BAFFIN B	47	75	35.0	77	14.0	70	8	2	0	300	366	X	X	BISS
BAFFIN B	45	75	12.0	78	48.0	70	8	1	18	500	603	X	X	BISS
BAFFIN B	43	75	43.0	79	46.0	70	8	1	14	500	550	X	X	BISS
BAFFIN B	44	75	38.0	79	45.5	70	8	1	15	500	549	X	X	BISS
SMITH SD	54	76	28.0	70	59.0	70	8	2	13	225	292	X	X	BISS
SMITH SD	55	76	5.0	70	42.0	70	8	4	17	400	549	X	X	BISS
SMITH SD	34	76	54.0	71	31.0	70	7	31	14	800	1004	X	X	BISS
SMITH SD	35	76	48.3	72	11.0	70	7	31	16	300	466	X	X	BISS
SMITH SD	52	76	14.5	72	47.0	70	8	2	10	400	494	X	X	BISS

SMITH SD	53	76 21.0	72 .0	70	8	2	11	500	567	X		X	BISS		
SMITH SD	36	76 41.0	73 38.0	70	7	31	20	500	549	X		X	BISS		
SMITH SD	51	76 7.5	73 45.0	70	8	2	7	300	420	X		X	BISS		
SMITH SD	37	76 39.0	74 35.0	70	7	31	22	500	585	X		X	BISS		
SMITH SD	38	76 35.0	75 43.5	70	8	1	1	225	284	X		X	BISS		
SMITH SD	39	76 32.5	76 41.5	70	8	1	2	125	185	X		X	BISS		
SMITH SD	40	76 27.5	77 52.0	70	8	1	4	250	340	X		X	BISS		
SMITH SD	41	76 20.0	78 55.0	70	8	1	6	75	320	X		X	BISS		
SMITH SD	42	76 11.5	79 7.5	70	8	1	8	75	110	X		X	BISS		
SMITH SD	33	77 24.0	75 19.0	70	7	31	7	600	625	X		X	BISS		
SMITH SD	30	78 24.0	73 23.0	70	7	30	19	400	439	X		X	BISS		
SMITH SD	31	78 26.5	74 10.0	70	7	30	22	500	556	X		X	BISS		
SMITH SD	32	78 31.3	74 22.0	70	7	31	0	300	357	X		X	BISS		
ECLIPSE	5	73 45.0	80 .0	70	7	25	3	700	823	X		X	BISS		
BAFFIN B	3	74 7.8	80 .0	70	7	24	22	700	805	X		X	BISS		

BOTTLE/CTD DATA SET NUMBER: 71-D010

YEAR:1971 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
SMITH SD	4	77 13.5	78 49.5	71	9	2	22	390	475		X	X	BOTT		
SMITH SD	3	77 15.8	79 46.0	71	9	2	20	551	667		X	X	BOTT		
SMITH SD	2	77 16.5	80 45.1	71	9	2	17	481	548		X	X	BOTT		
JONES SD	1	77 21.2	81 9.0	71	9	2	15	101	157		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0011
YEAR:1971 VESSEL/AGENCY: DANA

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
DISKO IS	100	68	2.0	55	28.0	71	7	23	6	75	77		X	X	BOTT	
DISKO IS	101	68	.0	55	.0	71	7	23	8	40	43		X	X	BOTT	
DISKO IS	97	68	4.0	56	.0	71	7	22	20	115	119		X	X	BOTT	
DISKO IS	98	68	5.0	56	35.0	71	7	22	22	188	192		X	X	BOTT	
DISKO IS	99	68	19.0	56	52.0	71	7	23	1	400	425		X	X	BOTT	
DISKO IS	103	69	40.0	51	40.0	71	7	26	20	240	245		X	X	BOTT	
DISKO IS	104	69	56.0	52	15.0	71	7	27	1	530	540		X	X	BOTT	
DISKO IS	102	69	15.0	53	17.0	71	7	24	2	305	330		X	X	BOTT	
DISKO IS	113	70	59.0	52	41.0	71	7	30	16	610	660		X	X	BOTT	
DISKO IS	105	70	14.0	53	5.0	71	7	27	6	525	550		X	X	BOTT	
DISKO IS	106	70	22.0	54	2.0	71	7	27	10	580	590		X	X	BOTT	
DISKO IS	107	70	35.0	55	19.0	71	7	27	16	225	232		X	X	BOTT	
DISKO IS	108	70	39.0	55	47.0	71	7	27	17	400	415		X	X	BOTT	
DISKO IS	112	70	53.0	55	48.0	71	7	29	3	555	563		X	X	BOTT	
DISKO IS	109	70	45.0	56	26.0	71	7	27	19	530	555		X	X	BOTT	
DISKO IS	110	70	49.0	56	52.0	71	7	27	21	505	534		X	X	BOTT	
DISKO IS	111	70	58.0	57	51.0	71	7	28	0	325	344		X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 71-0012
YEAR:1971 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
NARES ST	4	81	51.5	61	43.0	71	5	10	13	289			X	X	BOTT		
NARES ST	1	81	54.0	62	.0	71	4	25	18	479	570		X	X	BOTT		
NARES ST	2	81	54.0	62	.0	71	5	3	19	501	570		X	X	BOTT		
NARES ST	3	81	54.0	62	.0	71	5	8	15	382	570		X	X	BOTT		
NARES ST	5	81	59.0	62	22.0	71	5	11	20	150			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 71-0013
YEAR:1971 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR	
										(M)	(M)	C	S	T			
NARES ST	4	79	47.1	67	30.0	71	8	19	11	65	73		X	X	BOTT		
NARES ST	3	79	42.0	69	12.0	71	8	19	8	100	109		X	X	BOTT		
SMITH SD	1	78	30.2	73	42.0	71	8	18	15	483	512		X	X	BOTT		
SMITH SD	22	78	11.0	73	40.0	71	8	29	7	570	621		X	X	BOTT		
SMITH SD	23	78	13.5	74	19.0	71	8	29	9	538	630		X	X	BOTT		
SMITH SD	24	78	15.7	74	55.5	71	8	29	11	613	665		X	X	BOTT		
NARES ST	2	79	40.0	71	16.0	71	8	19	4	196	219		X	X	BOTT		
NARES ST	14	82	18.0	59	5.0	71	8	22	13	377	411		X	X	BOTT		
NARES ST	5	80	45.1	66	56.0	71	8	19	18	391	411		X	X	BOTT		

NARES ST	19	80 26.3	68 47.0	71	8	27	18	291	402		X	X	BOTT
NARES ST	20	80 21.1	68 24.0	71	8	27	19	341	378		X	X	BOTT
NARES ST	21	80 15.1	68 29.3	71	8	27	21	342	358		X	X	BOTT
NARES ST	8	81 56.4	61 52.0	71	8	20	14	607	621		X	X	BOTT
NARES ST	9	81 49.8	61 47.5	71	8	20	17	292	347		X	X	BOTT
NARES ST	15	81 56.7	61 57.0	71	8	23	12	605	645		X	X	BOTT
NARES ST	7	81 58.4	62 18.0	71	8	20	12	500	621		X	X	BOTT
NARES ST	18	81 23.4	62 58.5	71	8	27	10	371	530		X	X	BOTT
NARES ST	16	81 30.1	63 51.9	71	8	27	6	581	612		X	X	BOTT
NARES ST	17	81 26.1	63 17.3	71	8	27	8	616	676		X	X	BOTT
NARES ST	6	82 1.0	61 29.5	71	8	20	5	457	640		X	X	BOTT

BOTTLE/CTD DATA SET NUMBER: 72-0018
YEAR:1972 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
NARES ST	1	81 55.9	61 49.3	72	6	4	21	630	643		X	X	BOTT		
NARES ST	2	81 53.2	61 16.4	72	6	5	16	650			X	X	BOTT		
NARES ST	3	81 58.8	62 6.5	72	6	5	23	74	599		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 72-0020
YEAR:1972 VESSEL/AGENCY: ST. LAURENT

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
DISKO IS	2	70	37.0	56	52.0	72	2	14	1	293	722		X	X	BOTT		
BAFFIN B	1	71	57.0	62	7.0	72	2	12	1	1950	1975		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 72-0021
YEAR:1972 VESSEL/AGENCY: QUEST

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN B	5	70	35.0	61	30.0	72	9	1		1200			X	X	BOTT		
BAFFIN B	6	71	59.0	67	20.0	72	9	2		2132			X	X	BOTT		
MELV BAY	7	74	1.0	64	.0	72	9	4		690			X	X	BOTT		
BAFFIN B	8	75	.0	70	58.0	72	9	5		700			X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 74-0013B
YEAR:1974 VESSEL/AGENCY: HUDSON

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
SMITH SD	35	78	38.0	72	6.0	74	8	6	18			X		X	GUIL	

BOTTLE/CTD DATA SET NUMBER: 75-0034
YEAR:1975 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR
NARES ST	244	81	51.2	60	39.9	75	5	18	21	350	600		X	X	BOTT	
NARES ST	245	81	51.2	60	39.9	75	5	18	23	50	600		X	X	BOTT	
NARES ST	246	81	51.2	60	39.9	75	5	19	0	50	600		X	X	BOTT	
NARES ST	247	81	51.2	60	39.9	75	5	19	1	50	600		X	X	BOTT	
NARES ST	248	81	51.2	60	39.9	75	5	19	2	50	600		X	X	BOTT	
NARES ST	249	81	51.2	60	39.9	75	5	19	2	50	600		X	X	BOTT	
NARES ST	250	81	51.2	60	39.9	75	5	19	3	50	600		X	X	BOTT	
NARES ST	251	81	51.2	60	39.9	75	5	19	3	50	600		X	X	BOTT	
NARES ST	252	81	51.2	60	39.9	75	5	19	4	50	600		X	X	BOTT	
NARES ST	253	81	51.2	60	39.9	75	5	19	6	50	600		X	X	BOTT	
NARES ST	254	81	51.2	60	39.9	75	5	19	7	50	600		X	X	BOTT	
NARES ST	255	81	51.2	60	39.9	75	5	19	8	50	600		X	X	BOTT	
NARES ST	256	81	51.2	60	39.9	75	5	19	9	50	600		X	X	BOTT	

NARES ST	257	81	51.2	60	39.9	75	5	19	10	50	600	X	X BOTT
NARES ST	258	81	51.2	60	39.9	75	5	19	11	50	600	X	X BOTT
NARES ST	259	81	51.2	60	39.9	75	5	19	12	50	600	X	X BOTT
NARES ST	260	81	51.2	60	39.9	75	5	19	13	50	600	X	X BOTT
NARES ST	261	81	51.2	60	39.9	75	5	19	14	50	600	X	X BOTT
NARES ST	262	81	51.2	60	39.9	75	5	19	15	50	600	X	X BOTT
NARES ST	263	81	51.2	60	39.9	75	5	19	16	50	600	X	X BOTT
NARES ST	264	81	51.2	60	39.9	75	5	19	17	50	600	X	X BOTT
NARES ST	265	81	51.2	60	39.9	75	5	19	18	50	600	X	X BOTT
NARES ST	266	81	51.2	60	39.9	75	5	19	19	50	600	X	X BOTT
NARES ST	267	81	51.2	60	39.9	75	5	19	20	50	600	X	X BOTT
NARES ST	268	81	51.2	60	39.9	75	5	19	21	50	600	X	X BOTT
NARES ST	269	81	51.2	60	39.9	75	5	19	22	50	600	X	X BOTT
NARES ST	270	81	51.2	60	39.9	75	5	19	23	50	600	X	X BOTT
NARES ST	271	81	51.2	60	39.9	75	5	20	0	50	600	X	X BOTT
NARES ST	272	81	9.7	65	3.0	75	5	16	21	350	353	X	X BOTT

BOTTLE/CTD DATA SET NUMBER: 75-0036
YEAR:1975 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
MARM. FJ	1	71	6.4	51	14.0	75	9	6		50	55		X	X		
MARM. FJ	4	71	7.4	51	16.0	75	9	6		70	72		X	X		
MARM. FJ	10	71	8.1	51	16.8	75	9	6		120	125		X	X		
MARM. FJ	12	71	7.9	51	19.3	75	9	6		175	180		X	X		
MARM. FJ	16	71	7.2	51	25.3	75	9	8		180	195		X	X		
MARM. FJ	17	71	6.0	51	30.5	75	9	8		200	240		X	X		
MARM. FJ	18	71	4.9	51	38.5	75	9	8		800	840		X	X		

BOTTLE/CTD DATA SET NUMBER: 75-0038
YEAR:1975 VESSEL/AGENCY: CANADIAN

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM MEAS			INSTR	INT	NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
BAFFIN B	8	68 11.0	67 11.0	75	6	26		61	61	X		X			

BOTTLE/CTD DATA SET NUMBER: 75-0041
YEAR:1975 VESSEL/AGENCY: ICE STATIONS

AREA	STN	LAT	LON	DATE				CAST	WATER	PARAM MEAS			INSTR	INT	NO
		DEG MIN	DEG MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	C	S	T		HR	
KANE BAS	ES	78 51.5	73 43.9	75	4	12		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	4	14		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	5	15		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	5	16		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	5	17		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	5	18		50				X	THER		
KANE BAS	ES	78 51.5	73 43.9	75	5	19		50				X	THER		
KANE BAS	S6	78 50.7	73 30.4	75	4	11		50				X	THER		
KANE BAS	S6	78 50.7	73 30.4	75	4	12		50				X	THER		
KANE BAS	S6	78 50.7	73 30.4	75	5	16		50				X	THER		
KANE BAS	KB	78 49.0	73 43.5	75	4	10		50				X	THER		
KANE BAS	KB	78 49.0	73 43.5	75	4	11		50				X	THER		
KANE BAS	KB	78 49.0	73 43.5	75	4	12		50				X	THER		

KANE BAS	KB	78	49.0	73	43.5	75	5	15		50				X	THER			
KANE BAS	KB	78	49.0	73	43.5	75	5	19		50				X	THER			
KANE BAS	CP	78	48.8	73	30.7	75	4	9		50				X	THER			
KANE BAS	CP	78	48.8	73	30.7	75	4	11		50				X	THER			

BOTTLE/CTD DATA SET NUMBER: 76-0011
YEAR:1976 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
BAFFIN B	25	71	22.8	70	9.7	76	8	11	5						BOTT		

BOTTLE/CTD DATA SET NUMBER: 76-0023
YEAR:1976 VESSEL/AGENCY: NORTHWIND

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	16	68	9.0	55	23.0	76	3	2		317		X		X	CTD		
DISKO IS	17	68	30.0	55	42.0	76	3	3		568		X		X	CTD		
DISKO IS	18	69	5.0	55	28.0	76	3	3		434		X		X	CTD		
BAFFIN B	19	69	3.0	59	15.0	76	3	5		568		X		X	CTD		
BAFFIN B	20	68	58.0	60	18.0	76	3	6		568		X		X	CTD		
BAFFIN B	21	69	9.0	62	11.0	76	3	7		568		X		X	CTD		
BAFFIN B	22	69	6.0	62	11.0	76	3	7		568		X		X	CTD		
BAFFIN B	23	68	55.0	61	51.0	76	3	8		568		X		X	CTD		

BAFFIN B	24	68	23.0	60	42.0	76	3	9		568		X		X	CTD
BAFFIN B	25	68	25.0	60	29.0	76	3	10		491		X		X	CTD

BOTTLE/CTD DATA SET NUMBER: 76-0025
YEAR:1976 VESSEL/AGENCY: GREENLAND GEOL.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MARM. FJ	4	71	7.4	51	16.0	76	3	27		71	72		X	X			
MARM. FJ	10	71	8.1	51	16.8	76	3	27		105	110		X	X			
MARM. FJ	12	71	7.9	51	19.3	76	3	27		170	175		X	X			
MARM. FJ	16	71	7.2	51	25.3	76	3	29		225	230		X	X			
MARM. FJ	17	71	6.0	51	30.5	76	3	29		240	250		X	X			
MARM. FJ	1	71	6.4	51	14.0	76	9	5		53	55		X	X			
MARM. FJ	4	71	7.4	51	16.0	76	9	5		68	70			X			
MARM. FJ	10	71	8.1	51	16.8	76	9	5		112	114		X	X			
MARM. FJ	12	71	7.9	51	19.3	76	9	5		178	180			X			
MARM. FJ	16	71	7.2	51	25.3	76	9	5		200	205		X	X			
MARM. FJ	17	71	6.0	51	30.5	76	9	5		175	178		X	X			
MARM. FJ	18	71	4.9	51	38.5	76	9	5		850	855		X	X			

BOTTLE/CTD DATA SET NUMBER: 76-0027
YEAR:1976 VESSEL/AGENCY: ICE STATIONS

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT HR	NO
JONES SD	NR1	76 14.5	81 56.3	76	4	16		300				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	4	18		15				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	4	30		300				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	5	3		80				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	5	4		300				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	5	5		240				X	THER		
JONES SD	NR1	76 14.5	81 56.3	76	5	6		24				X	THER		
JONES SD	NR3	76 23.6	81 56.5	76	4	9		96				X	THER		
JONES SD	NR3	76 23.6	81 56.5	76	4	10		300				X	THER		
JONES SD	NR3	76 23.6	81 56.5	76	4	13		80				X	THER		
JONES SD	NR3	76 23.6	81 56.5	76	5	31		300				X	THER		
JONES SD	NR3	76 23.6	81 56.5	76	6	1		300				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	18		300				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	20		80				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	23		300				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	27		300				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	28		300				X	THER		
JONES SD	NR7	76 33.6	81 48.9	76	5	29		80				X	THER		

BOTTLE/CTD DATA SET NUMBER: 77-0028
YEAR: 1977 VESSEL/AGENCY: WESTWIND

AREA	STN	LAT		LONG		DATE				CAST	WATER	PARAM			INSTR	INT	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO (M)	DEPTH (M)	MEAS C	S	T		HR	
SMITH SOUND	01	78	40.	72	31.	77	07	18	?	375	?		X	X	BOTT		
SMITH SOUND	02	78	40.8	73	12.	77	07	18	?	450	?		X	X	BOTT		
SMITH SOUND	03	78	45.	73	48.	77	07	18	?	325	?		X	X	BOTT		
SMITH SOUND	04	78	39.	74	10.	77	07	18	?	450	?		X	X	BOTT		
SMITH SOUND	05	78	36.	74	02.	77	07	17	?	350	?		X	X	BOTT		
SMITH SOUND	06	78	40.	73	36.	77	07	18	?	180	?		X	X	BOTT		
SMITH SOUND	07	78	36.	73	24.	77	07	17	?	400	?		X	X	BOTT		
SMITH SOUND	08	78	32.5	72	46.	77	07	18	?	300	?		X	X	BOTT		
SMITH SOUND	09	78	34.3	72	22.	77	07	18	?	200	?		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 77-0014
YEAR:1977 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
BAFFIN B	12	68	8.7	61	21.3	77	8	31	18			X		X	GUIL	
BAFFIN B	13	70	2.3	62	46.1	77	9	1	13			X		X	GUIL	
BAFFIN B	14	72	25.4	60	2.6	77	9	2	13			X		X	GUIL	
BAFFIN B	15	73	41.8	58	39.5	77	9	2	20			X		X	GUIL	
BAFFIN B	16	73	41.2	61	38.6	77	9	3	2			X		X	GUIL	
BAFFIN B	17	73	42.0	64	34.9	77	9	3	11			X		X	GUIL	
BAFFIN B	18	73	27.3	67	17.3	77	9	3	23			X		X	GUIL	
BAFFIN B	19	72	14.1	65	56.9	77	9	4	16			X		X	GUIL	
BAFFIN B	20	71	24.6	70	7.6	77	9	5	17			X		X	GUIL	
BAFFIN B	21	71	16.0	70	27.0	77	9	5	20			X		X	GUIL	
BAFFIN B	22	71	7.1	70	21.2	77	9	6	0			X		X	GUIL	
BAFFIN B	23	71	.4	69	39.2	77	9	6	5			X		X	GUIL	
BAFFIN B	24	71	13.0	69	35.7	77	9	6	9			X		X	GUIL	
BAFFIN B	25	71	25.0	69	38.9	77	8	6	12			X		X	GUIL	
BAFFIN B	26	71	6.5	71	20.5	77	8	6	16			X		X	GUIL	
BAFFIN B	27	71	3.0	71	13.4	77	9	6	17			X		X	GUIL	
BAFFIN B	28	73	42.0	70	29.0	77	9	7	10			X		X	GUIL	
BAFFIN B	29	73	42.0	75	55.0	77	9	7	23			X		X	GUIL	
JONES SD	45	76	21.1	89	25.8	77	9	13	0			X		X	GUIL	
JONES SD	46	76	23.6	89	18.3	77	9	13	3			X		X	GUIL	
JONES SD	47	75	51.8	83	49.9	77	9	13	14			X		X	GUIL	
JONES SD	48	75	50.0	83	50.0	77	9	13	15			X		X	GUIL	
JONES SD	49	76	4.7	83	49.9	77	9	13	18			X		X	GUIL	
JONES SD	50	76	10.0	83	51.0	77	9	13	21			X		X	GUIL	
JONES SD	51	76	20.1	83	49.3	77	9	14	0			X		X	GUIL	
SMITH SD	52	78	19.2	74	43.0	77	9	15	6			X		X	GUIL	
SMITH SD	53	78	16.9	74	16.0	77	9	15	10			X		X	GUIL	

SMITH SD	54	78	20.4	73	39.8	77	9	15	14			X		X	GUIL		
SMITH SD	55	78	19.0	73	5.3	77	9	15	19			X		X	GUIL		
SMITH SD	56	78	.2	73	57.6	77	9	15	23			X		X	GUIL		
SMITH SD	57	77	40.2	74	18.8	77	9	16	3			X		X	GUIL		
SMITH SD	58	77	19.7	74	29.7	77	9	16	7			X		X	GUIL		

BOTTLE/CTD DATA SET NUMBER: 77-0029
YEAR:1977 VESSEL/AGENCY: CANADIAN

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
ECLIPSE	1	72	42.4	78	.5	77	3	21	23	50	64		X	X	BOT		
ECLIPSE	2	72	49.3	78	8.3	77	4	19	16	839	842		X	X	BOT		
ECLIPSE	3	72	41.2	78	9.5	77	5	13	21	222	224		X	X	BOT		
ECLIPSE	4	72	41.2	78	9.5	77	5	26	16	222	224		X	X	BOT		
ECLIPSE	5	72	49.3	78	8.3	77	6	2	18	836	842		X	X	BOT		

BOTTLE/CTD DATA SET NUMBER: 77-0030
YEAR:1977 VESSEL/AGENCY: GREENLAND GEOL.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
DISKO IS	1	71	6.4	51	14.0	77	3	26		48	50		X	X			
DISKO IS	4	71	7.4	51	16.0	77	3	26		50	63		X	X			
DISKO IS	10	71	8.1	51	16.8	77	3	27		150	155		X	X			

DISKO IS	12	71	7.9	51	19.3	77	3	27		168	170		X	X	
DISKO IS	16	71	7.2	51	25.3	77	3	27		175	180		X	X	
DISKO IS	1	71	6.4	51	14.0	77	9	2		53	55		X	X	
DISKO IS	4	71	7.4	51	16.0	77	9	2		68	70		X	X	
DISKO IS	10	71	8.1	51	16.8	77	9	2		119	124		X	X	
DISKO IS	12	71	7.9	51	19.3	77	9	2		178	197		X	X	
DISKO IS	16	71	7.2	51	25.3	77	9	4		208	210		X	X	
DISKO IS	17	71	6.0	51	30.5	77	9	4		180	185		X	X	
DISKO IS	18	71	4.9	51	38.5	77	9	4		850	900		X	X	

BOTTLE/CTD DATA SET NUMBER: 77-0031
YEAR:1977 VESSEL/AGENCY: ADOLF JENSEN

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT NO HR
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T		
DISKO IS	35	68	48.0	51	26.0	77	4	30	18	350	373		X	X	BOTT	
DISKO IS	34	68	50.0	52	10.0	77	4	29	22	250	266		X	X	BOTT	
DISKO IS	42	68	22.0	55	5.0	77	5	14	16	450	471		X	X	BOTT	
DISKO IS	73	68	24.0	55	6.0	77	7	24	18	470	480		X	X	BOTT	
DISKO IS	82	68	18.0	56	53.0	77	8	5	24	390	403		X	X	BOTT	
DISKO IS	74	68	.0	57	45.0	77	7	25	11	345	357		X	X	BOTT	
BAFFIN B	83	68	22.0	58	37.0	77	8	6	17	330	345		X	X	BOTT	
DISKO IS	36	69	7.0	51	15.0	77	4	30	22	300	312		X	X	BOTT	
DISKO IS	39	69	16.0	51	53.0	77	5	3	21	400	438		X	X	BOTT	
DISKO IS	40	69	14.0	51	14.0	77	5	4	11	300	315		X	X	BOTT	
DISKO IS	37	69	.0	52	4.0	77	5	1	15	250	282		X	X	BOTT	
DISKO IS	38	69	16.0	53	12.0	77	5	2	21	350	367		X	X	BOTT	
DISKO IS	84	69	37.0	56	33.0	77	8	8	24	210	220		X	X	BOTT	
BAFFIN B	85	70	12.0	58	4.0	77	8	9	11	310	323		X	X	BOTT	
BAFFIN B	86	70	3.0	58	13.0	77	8	9	14	330	346		X	X	BOTT	
DISKO IS	97	71	6.0	51	14.0	77	9	2	17	53	55		X	X	BOTT	
DISKO IS	98	71	7.0	51	16.0	77	9	2	18	68	70		X	X	BOTT	

DISKO IS	99	71 8.0	51 16.0	77	9	2	20	119	124		X	X	BOTT		
DISKO IS	100	71 7.0	51 19.0	77	9	2	22	178	197		X	X	BOTT		
DISKO IS	101	71 7.0	51 24.0	77	9	4	17	208	210		X	X	BOTT		
DISKO IS	102	71 6.0	51 30.0	77	9	4	19	180	185		X	X	BOTT		
DISKO IS	103	71 4.0	51 38.0	77	9	4	22	850	900		X	X	BOTT		
MELV BAY	96	74 21.0	58 37.0	77	8	22	1	400	427		X	X	BOTT		
MELV BAY	87	74 53.0	61 13.0	77	8	13	13	750	805		X	X	BOTT		
MELV BAY	90	75 42.0	60 15.0	77	8	18	22	500	520		X	X	BOTT		
MELV BAY	88	75 10.0	61 23.0	77	8	14	1	200	869		X	X	BOTT		
MELV BAY	89	75 20.0	61 17.0	77	8	17	24	500	960		X	X	BOTT		
MELV BAY	91	75 44.0	61 35.0	77	8	19	14	350	362		X	X	BOTT		
MELV BAY	92	75 35.0	61 24.0	77	8	19	18	400	413		X	X	BOTT		
MELV BAY	93	75 26.0	61 10.0	77	8	20	12	500	553		X	X	BOTT		
MELV BAY	94	75 16.0	61 15.0	77	8	20	23	30	980		X	X	BOTT		
MELV BAY	95	75 15.0	61 10.0	77	8	21	13	900	999		X	X	BOTT		

BOTTLE/CTD DATA SET NUMBER: 78-0005
YEAR:1978 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	A5	74 50.9	76 51.8	78	7	28	3	325		X		X	GUIL		
BAFFIN B	A1	74 54.6	79 10.8	78	8	3	20	300		X		X	GUIL		
BAFFIN B	A2	74 54.9	78 41.3	78	8	3	14	50		X		X	GUIL		
BAFFIN B	A3	74 56.9	77 46.5	78	8	3	1	300		X		X	GUIL		
BAFFIN B	A4	74 56.1	76 56.0	78	8	2	17	333		X		X	GUIL		
BAFFIN B	A1	74 53.1	79 6.0	78	8	24	23	403		X		X	GUIL		
BAFFIN B	A2	74 55.0	78 40.0	78	8	24	21	453		X		X	GUIL		
BAFFIN B	A2	74 55.0	78 40.0	78	8	25	12	438		X		X	GUIL		
BAFFIN B	A2	74 59.8	78 34.4	78	8	26	1	453		X		X	GUIL		
BAFFIN B	A3	74 55.4	77 46.0	78	8	24	18	303		X		X	GUIL		
BAFFIN B	A4	74 55.8	76 52.5	76	8	24	12	334		X		X	GUIL		

BAFFIN B	A6	74	55.2	75	12.1	78	8	28	23	479	X	X	GUIL
BAFFIN B	A2	74	52.4	78	46.1	78	9	1	14	423	X	X	GUIL
BAFFIN B	A2	74	50.6	78	39.2	78	9	2	12	426	X	X	GUIL
BAFFIN B	A1	74	54.6	79	12.8	78	9	17	15	345	X	X	GUIL
BAFFIN B	A1	74	54.2	79	11.3	78	9	30	1	394	X	X	GUIL
BAFFIN B	A2	74	55.1	78	38.8	78	9	30	13	460	X	X	GUIL
BAFFIN B	A3	74	55.1	77	45.7	78	9	30	17	310	X	X	GUIL
BAFFIN B	A4	74	54.4	76	50.4	78	9	30	19	325	X	X	GUIL
BAFFIN B	CB1	75	45.6	79	27.0	78	8	29	21	302	X	X	GUIL
ECLIPSE	D1	73	42.0	77	55.3	78	7	24	12	963	X	X	GUIL
ECLIPSE	D1	73	42.2	78	.1	78	7	31	11	878	X	X	GUIL
ECLIPSE	D2	73	59.8	77	42.8	78	7	27	14	860	X	X	GUIL
BAFFIN B	D2.5	74	6.5	77	21.2	78	7	27	17	804	X	X	GUIL
BAFFIN B	D3	74	15.9	77	37.2	78	7	27	19	694	X	X	GUIL
NARES ST	D4	79	30.5	77	21.7	78	7	27	22	558	X	X	GUIL
BAFFIN B	D5	74	35.6	79	12.7	78	7	28	9	503	X	X	GUIL
BAFFIN B	D6	74	8.7	78	28.4	78	7	29	12	814	X	X	GUIL
BAFFIN B	D2.5	74	7.4	77	22.9	78	7	29	19	796	X	X	GUIL
BAFFIN B	D2.5	74	6.9	77	26.2	78	8	1	12	803	X	X	GUIL
BAFFIN B	D4	74	30.5	77	20.8	78	8	2	12	553	X	X	GUIL
BAFFIN B	D6	74	7.5	78	32.0	78	8	1	21	814	X	X	GUIL
BAFFIN B	D5	74	36.1	79	13.8	78	8	22	15	515	X	X	GUIL
BAFFIN B	D5	74	36.7	79	25.0	78	8	22	22	474	X	X	GUIL
BAFFIN B	D5	74	37.1	79	16.0	78	8	26	20	499	X	X	GUIL
BAFFIN B	D5	74	35.7	79	18.0	78	8	26	23	502	X	X	GUIL
ECLIPSE	D1	73	42.6	77	50.7	78	9	6	3	1026	X	X	GUIL
ECLIPSE	D2	73	58.4	77	37.6	78	9	5	20	859	X	X	GUIL
SMITH SD	D3	77	14.9	77	32.5	78	9	5	17	694	X	X	GUIL
BAFFIN B	D4	74	29.8	77	19.3	78	9	5	12	556	X	X	GUIL
BAFFIN B	D6	74	6.6	78	28.1	78	9	16	15	818	X	X	GUIL
ECLIPSE	D5	73	34.9	79	24.1	78	9	22	13	535	X	X	GUIL
ECLIPSE	D1	73	42.7	78	.6	78	9	28	1	508	X	X	GUIL
ECLIPSE	D1	73	42.7	78	.6	78	9	28	1	932	X	X	GUIL
ECLIPSE	D2	73	58.0	77	49.0	78	9	27	19	461	X	X	GUIL
BAFFIN B	D2.5	74	1.7	77	26.0	78	9	28	21	824	X	X	GUIL
BAFFIN B	D3	74	15.7	77	3.1	78	9	29	1	712	X	X	GUIL
BAFFIN B	D4	74	31.3	77	20.7	78	9	29	15	570	X	X	GUIL
ECLIPSE	E1	73	30.4	77	3.8	78	7	25	10	962	X	X	GUIL
ECLIPSE	E1.3	73	37.1	77	2.0	78	7	23	21	962	X	X	GUIL

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BAFFIN B     E2     73 44.2  76 17.1    78  7 25 16  843     X      X GUIL
BAFFIN B     E3     73 57.2  75 31.4    78  7 25 21  814     X      X GUIL
BAFFIN B     E4     74 10.5  74 41.0    78  7 26  2  681     X      X GUIL
BAFFIN B     E4     74 10.5  74 41.0    78  7 26  2  694     X      X GUIL
ECLIPSE      E1     73 31.0  77  3.1    78  9  4 12  874     X      X GUIL
BAFFIN B     E1.5   73 46.3  76 37.3    78  9  4 17  952     X      X GUIL
BAFFIN B     E2     73 42.5  76 13.6    78  9  4 19  888     X      X GUIL
BAFFIN B     E3     73 57.2  75 32.0    78  9  4 23  846     X      X GUIL
BAFFIN B     E4     74 10.7  74 40.4    78  9  5  2  711     X      X GUIL
BAFFIN B     E1.5   73 37.2  76 29.8    78 10  1 17  925     X      X GUIL
BAFFIN B     E2     73 41.9  76  7.2    78 10  1 14  213     X      X GUIL
BAFFIN B     E3     73 58.2  75 28.2    78 10  1 10  815     X      X GUIL
BAFFIN B     E4     74 10.4  74 45.6    78 10  1  4  710     X      X GUIL
ECLIPSE      F6     72 49.6  77 29.8    78  8 13 11 1015     X      X GUIL
ECLIPSE      F1     73 34.3  81  9.0    78  9  8 20  393     X      X GUIL
ECLIPSE      F2     73 28.0  81  3.8    78  9  8 23  311     X      X GUIL
ECLIPSE      F4     72 48.0  79 54.0    78  9  9 17  147     X      X GUIL
ECLIPSE      F5     72 33.8  79 14.2    78  9  9 21  704     X      X GUIL
ECLIPSE      F6     72 48.4  77 32.4    78  9 10  3 1027     X      X GUIL
BAFFIN B     F7     72 44.6  76 27.8    78  9 10 21  656     X      X GUIL
ECLIPSE      F1     73 38.6  81  8.7    78  9 23 10  393     X      X GUIL
ECLIPSE      F2     73 28.4  81  2.5    78  9 23 13  331     X      X GUIL
ECLIPSE      F3     73  6.3  80 19.0    78  9 23 20  259     X      X GUIL
ECLIPSE      F4     72 46.8  79 54.2    78  9 23 22  154     X      X GUIL
ECLIPSE      F5     72 34.7  79 14.4    78  9 24 11  706     X      X GUIL
ECLIPSE      F6     72 48.9  77 36.1    78  9 24 21 1045     X      X GUIL
BAFFIN B     G1     72 50.6  75 45.9    78  7 27  0  484     X      X GUIL
BAFFIN B     G2     73  2.5  75  5.7    78  7 26 21  800     X      X GUIL
BAFFIN B     G3     73 15.3  74 19.5    78  7 26 18  889     X      X GUIL
BAFFIN B     G4     73 28.4  73 30.7    78  7 26 12  859     X      X GUIL
BAFFIN B     G5     73 50.0  74  8.0    78  7 26  8  814     X      X GUIL
BAFFIN B     G1     72 51.0  75 45.0    78  9 11  2  454     X      X GUIL
BAFFIN B     G2     73  3.0  75  6.0    78  9 11 12  827     X      X GUIL
BAFFIN B     G3     73 15.7  74 19.1    78  9 11 16  926     X      X GUIL
BAFFIN B     G4     73 29.1  73 29.7    78  9 11 19  866     X      X GUIL
BAFFIN B     G5.2   73 21.8  76 34.5    78  9 15 17  544     X      X GUIL
BAFFIN B     G5.4   73 29.0  76  6.7    78  9 15 19  942     X      X GUIL
BAFFIN B     G5.6   73 33.6  75 50.2    78  9 15 21  877     X      X GUIL
BAFFIN B     G1     72 50.9  75 51.1    78 10  2 16  526     X      X GUIL
BAFFIN B     62     73  3.5  75  6.0     78 10  2 11  833        X     X GUIL
BAFFIN B     63     73 13.7  74 22.7     78 10  2  4  905        X     X GUIL
BAFFIN B     64     73 28.0  73 29.3     78 10  1 22  886        X     X GUIL
BAFFIN B     6M1    72 49.1  76  6.7     78  9 14 20  252        X     X GUIL
SMITH SD     6S1    76 12.9  78 55.0     78  8 30 16  103        X     X GUIL
SMITH SD     6S2    76  9.3  79  9.0     78  8 30 19  125        X     X GUIL
BAFFIN B     H1     72 36.3  74 54.5     78  8 17 23  379        X     X GUIL
BAFFIN B     H4     73  7.6  72 57.2     78  8 17 18  894        X     X GUIL
BAFFIN B     H4     73  8.0  72 57.0     78  9 12  0  936        X     X GUIL
BAFFIN B     H1     72 36.3  74 55.0     78  9 15 11  429        X     X GUIL
ECLIPSE      HS     72 51.2  78 12.0     78  9 24 19  642        X     X GUIL
BAFFIN B     I2     72 18.9  73  7.3     78  8 11 23   15        X     X GUIL
BAFFIN B     I3     72 32.9  72 29.2     78  8 11 19   50        X     X GUIL
BAFFIN B     I4     72 44.8  71 50.7     78  8 11 14   50        X     X GUIL
BAFFIN B     I1     72 10.6  73 51.0     78  8 14  1  100        X     X GUIL
BAFFIN B     I2     72 19.6  73  9.2     78  8 17  9  344        X     X GUIL
BAFFIN B     I3     72 34.5  72 34.9     78  8 17 12  849        X     X GUIL
BAFFIN B     I4     72 45.9  71 50.2     78  8 17 14 1053        X     X GUIL
BAFFIN B     I1     72  8.9  73 50.4     78  9 12 22   94        X     X GUIL
BAFFIN B     I2     72 20.7  73 10.6     78  9 12 20  323        X     X GUIL
BAFFIN B     I3     72 32.8  72 28.5     78  9 12 18  912        X     X GUIL
BAFFIN B     I4     72 45.8  71 48.0     78  9 12 15 1077        X     X GUIL
BAFFIN B     I1.2   72 10.7  73 50.8     78 10  3 13   81        X     X GUIL
BAFFIN B     I2     72 20.8  73 10.6     78 10  3 16  383        X     X GUIL
BAFFIN B     I3     72 32.6  72 29.1     78 10  3 22  895        X     X GUIL
BAFFIN B     I4     72 44.7  71 43.2     78 10  4  1 1113        X     X GUIL
BAFFIN B     J1     71 46.6  72 24.0     78  8 17  5  362        X     X GUIL
JONES SD     JS1    75 55.0  80  2.0     78  8 31  0  694        X     X GUIL
BAFFIN B     K1     71 32.6  71 16.0     78  8 16 21  154        X     X GUIL
BAFFIN B     K2     71 47.7  70 43.1     78  8 14 17 1054        X     X GUIL
BAFFIN B     K3     72   .3  70  1.1     78  8 14 20 1470        X     X GUIL
BAFFIN B     K4     73 13.6  69 25.5     78  8 14 23 1479        X     X GUIL
BAFFIN B     K1     71 35.2  71 25.8     78 10  5 14  102        X     X GUIL
BAFFIN B     K1     71 35.2  71 25.8     78 10  5 14  108        X     X GUIL
BAFFIN B     K2     71 47.6  70 39.3     78 10  4 17 1053        X     X GUIL
BAFFIN B     K3     71 59.6  70  4.1     78 10  4 20 1493        X     X GUIL
BAFFIN B     K4     72 12.8  69 15.9     78 10  4 22 1493        X     X GUIL
BAFFIN B     L1.5   71 24.8  70 26.3     78  8 16 18  782        X     X GUIL
BAFFIN B     L1.6   71 25.1  70 27.1     78 10  5 19  724        X     X GUIL
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BAFFIN 8	M1.5	71	7.9	69	18.0	78	8	16	13	173		X		X	GUIL		
BAFFIN 8	M4	71	42.0	67	46.5	78	8	15	7	1491		X		X	GUIL		
BAFFIN 8	M1.5	71	7.5	69	17.0	78	10	5	22	152		X		X	GUIL		
BAFFIN 8	M13	72	29.9	72	40.5	78	10	3	19	869		X		X	GUIL		
BAFFIN 8	M14	71	39.8	71	8.6	78	8	14	12	234		X		X	GUIL		
BAFFIN 8	M1	70	40.2	68	22.5	78	8	16	5	41		X		X	GUIL		
BAFFIN 8	M2	70	54.9	67	39.5	78	8	16	0	273		X		X	GUIL		
BAFFIN 8	M3	71	7.7	66	50.9	78	8	15	20	1448		X		X	GUIL		
BAFFIN 8	M4	71	24.6	65	49.6	78	8	15	14	1478		X		X	GUIL		
BAFFIN 8	M1	70	40.5	68	23.8	78	10	6	10	42		X		X	GUIL		
BAFFIN 8	M2	70	54.3	67	42.7	78	10	6	14	232		X		X	GUIL		
BAFFIN 8	M3	71	9.3	66	59.1	78	10	6	16	1312		X		X	GUIL		
BAFFIN 8	M4	71	23.2	66	3.0	78	10	6	21	1497		X		X	GUIL		
BAFFIN 8	O1	69	11.8	66	2.5	78	10	7	21	44		X		X	GUIL		
BAFFIN 8	O2	69	34.0	65	5.1	78	10	7	18	955		X		X	GUIL		
BAFFIN 8	O3	69	49.5	64	21.2	78	10	7	15	1419		X		X	GUIL		
BAFFIN 8	O4	69	59.4	64	4.2	78	10	7	10	1494		X		X	GUIL		
BAFFIN 8	P1	68	9.3	64	18.3	78	10	8	6	123		X		X	GUIL		
BAFFIN 8	P2	68	18.6	63	22.0	78	10	8	10	1347		X		X	GUIL		

BOTTLE/CTD DATA SET NUMBER: 78-0020
YEAR:1978 VESSEL/AGENCY: HUDSON

AREA	STN	LAT		LON		DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR			C	S	T			
BAFFIN 8	20	70	34.7	67	30.7	78	9	2		219		X		X	GUIL		
BAFFIN 8	27	71	33.0	68	53.8	78	9	3	4	165		X		X	GUIL		
BAFFIN 8	28	71	37.4	69	18.3	78	9	3	12	600		X		X	GUIL		
BAFFIN 8	29	71	43.2	69	46.7	78	9	3	19			X		X	GUIL		
BAFFIN 8	30	71	49.1	70	14.6	78	9	3	21			X		X	GUIL		
BAFFIN 8	31	71	40.4	70	28.9	78	9	4	4	853		X		X	GUIL		
BAFFIN 8	32	71	35.3	70	2.5	78	9	4	8	695		X		X	GUIL		

BAFFIN B	33	71	29.0	69	37.0	78	9	4	12	631	X	X GUIL
BAFFIN B	34	71	24.0	69	14.1	78	9	4	17	194	X	X GUIL
BAFFIN B	35	71	15.0	69	24.0	78	9	4	17	122	X	X GUIL
BAFFIN B	36	71	21.0	69	53.6	78	9	4	21	219	X	X GUIL
BAFFIN B	37	71	26.6	70	19.5	78	9	4	23	667	X	X GUIL
BAFFIN B	38	71	32.8	70	46.5	78	9	5	4	113	X	X GUIL
BAFFIN B	39	71	23.8	71	5.2	78	9	5	7	130	X	X GUIL
BAFFIN B	40	71	18.5	70	37.2	78	9	5	8	713	X	X GUIL
BAFFIN B	41	71	9.5	70	31.2	78	9	5	14	567	X	X GUIL
BAFFIN B	42	71	9.7	70	53.9	78	9	5	18	665	X	X GUIL
BAFFIN B	43	71	4.0	70	28.0	78	9	6	0	601	X	X GUIL
BAFFIN B	44	70	58.3	70	3.2	78	9	6	5	374	X	X GUIL
BAFFIN B	45	71	10.1	70	41.1	78	9	6	10	713	X	X GUIL
BAFFIN B	47	71	16.5	70	26.5	78	9	6	15	541	X	X GUIL
BAFFIN B	48	71	25.2	70	46.8	78	9	6	19	62	X	X GUIL
BAFFIN B	50	72	.8	71	33.9	78	9	7	1	759	X	X GUIL
BAFFIN B	51	72	8.4	71	51.4	78	9	7	6	332	X	X GUIL
BAFFIN B	52	72	15.3	72	10.8	78	9	7	9	841	X	X GUIL
BAFFIN B	53	72	9.6	72	34.1	78	9	7	14	365	X	X GUIL
BAFFIN B	54	72	3.0	72	59.0	78	9	7	19	100	X	X GUIL
BAFFIN B	55	71	56.8	73	27.5	78	9	7	21	194	X	X GUIL
BAFFIN B	56	71	55.4	72	41.1	78	9	8	1	627	X	X GUIL
BAFFIN B	57	72	2.0	72	15.2	78	9	8	5	735	X	X GUIL
BAFFIN B	58	71	54.1	71	53.7	78	9	8	9	322	X	X GUIL
BAFFIN B	59	71	48.2	72	17.9	78	9	8	11	201	X	X GUIL
BAFFIN B	60	71	43.0	72	45.0	78	9	8	15	36	X	X GUIL
BAFFIN B	61	71	49.7	73	3.7	78	9	9	20	658	X	X GUIL
BAFFIN B	62	71	44.4	73	28.5	78	9	9	3	287	X	X GUIL
BAFFIN B	70	72	44.8	73	38.9	78	9	9	10		X	X GUIL
BAFFIN B	77	73	46.0	76	.9	78	9	9	22	896	X	X GUIL
ECLIPSE	78	73	45.3	77	59.0	78	9	10	7	20	X	X GUIL
ECLIPSE	79	73	47.2	79	59.3	78	9	10	13	768	X	X GUIL
BAFFIN B	80	74	1.7	80	.9	78	9	10	20	786	X	X GUIL
BAFFIN B	1	74	17.0	80	2.4	78	9	11	0	693	X	X GUIL
BAFFIN B	2	74	31.9	80	.6	78	9	11	5	556	X	X GUIL
BAFFIN B	3	74	45.9	78	1.5	78	9	11	12	322	X	X GUIL
BAFFIN B	4	74	20.5	77	58.9	78	9	11	17		X	X GUIL
BAFFIN B	5	74	5.7	77	57.1	78	9	11	22	830	X	X GUIL
BAFFIN B	6	74	6.9	76	.1	78	9	12	6	741	X	X GUIL

BAFFIN B	7	74	32.2	76	4.3	78	9	12	12	550		X		X	GUIL	
BAFFIN B	8	74	59.4	76	.2	78	9	12	18	415		X		X	GUIL	
SMITH SD	9	76	.4	76	41.7	78	9	13	8	280		X		X	GUIL	
BAFFIN B	90	75	58.1	74	20.8	78	9	13	13	380		X		X	GUIL	
BAFFIN B	91	75	58.9	71	59.9	78	9	13	18	388		X		X	GUIL	
BAFFIN B	92	75	.6	71	59.7	78	9	14	2			X		X	GUIL	

BOTTLE/CTD DATA SET NUMBER: 78-0023
YEAR:1978 VESSEL/AGENCY:

AREA	STN	LAT		LON		DATE				CAST	WATER	PARAM			INSTR	INT NO
		DEG	MIN	DEG	MIN	YR	MO	DY	HR	TO	DEPTH	MEAS				HR
										(M)	(M)	C	S	T		
DISKO IS	65	68	8.4	57	16.0	78	8	8	20				X	X	BOTT	
DISKO IS	65	68	8.4	57	17.0	78	8	16	16				X	X	BOTT	
DISKO IS	65	68	8.4	57	15.1	78	8	27	14				X	X	BOTT	
DISKO IS	64	68	.9	56	46.5	78	8	16	12				X	X	BOTT	
DISKO IS	64	68	.5	56	46.4	78	8	8	14				X	X	BOTT	
DISKO IS	64	68	.4	56	47.4	78	8	27	20				X	X	BOTT	

BOTTLE/CTD DATA SET NUMBER: 78-0025
YEAR:1978 VESSEL/AGENCY:

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT HR	NO
MARM. FJ	1	71	6.4	51	14.0	78	2	9		57	58		X	X			
MARM. FJ	4	71	7.4	51	16.0	78	2	9		55	56		X	X			
MARM. FJ	10	71	8.1	51	16.8	78	2	8		117	119		X	X			
MARM. FJ	12	71	7.9	51	19.3	78	2	8		178	180		X	X			
MARM. FJ	16	71	7.2	51	25.3	78	2	7		177	180		X	X			
MARM. FJ	17	71	6.0	51	30.5	78	2	10		198	200		X	X			
MARM. FJ	TSF	71	4.5	51	23.3	78	2	10		50	57		X	X			
MARM. FJ	66U4	71	7.4	51	16.0	78	6	27	18	58		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	6	28	9	67		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	6	29	15	42		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	6	30	11	42		X		X	CTD		
MARM. FJ	DHI1	71	7.4	51	16.5	78	7	2	9	30		X		X	CTD		
MARM. FJ	DHI7	71	6.3	51	13.2	78	7	2	10	29		X		X	CTD		
MARM. FJ	DHI3	71	8.0	51	17.2	78	7	2	11	78		X		X	CTD		
MARM. FJ	DHI2	71	6.8	51	25.8	78	7	2	15	95		X		X	CTD		
MARM. FJ	66U1	71	6.4	51	14.0	78	7	25	13	57		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	25	14	47		X		X	CTD		
MARM. FJ	66U1	71	8.1	51	16.8	78	7	25	15	92		X		X	CTD		
MARM. FJ	66U1	71	7.2	51	25.3	78	7	25	16	92		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	26	12	67		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	27	17	42		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	28	17	45		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	29	17	40		X		X	CTD		
MARM. FJ	66U1	71	6.4	51	14.0	78	7	30	11	56		X		X	CTD		
MARM. FJ	66U4	71	7.4	51	16.0	78	7	30	15	46		X		X	CTD		
MARM. FJ	66U1	71	8.1	51	16.8	78	7	30	15	90		X		X	CTD		
MARM. FJ	66U1	71	7.2	51	25.3	78	7	30	14	90		X		X	CTD		

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MARM. FJ     66U4  71  7.4  51 16.0    78  9 26 17   62         X     X CTD
MARM. FJ     66U1  71  6.4  51 14.0    78  9 27  9   57         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78  9 27 10   61         X     X CTD
MARM. FJ     66U1  71  8.1  51 16.8    78  9 27 10   99         X     X CTD
MARM. FJ     66U1  71  7.2  51 25.3    78  9 27 11   98         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78  9 28 15   42         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78  9 29 10   52         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78  9 30 11   61         X     X CTD
MARM. FJ     66U1  71  6.4  51 14.0    78  9 30 13   55         X     X CTD
MARM. FJ     66U1  71  8.1  51 16.8    78  9 30 14   92         X     X CTD
MARM. FJ     66U1  71  7.2  51 25.3    78  9 30 16   91         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78 10  1 11   61         X     X CTD
MARM. FJ     66U1  71  6.4  51 14.0    78 10  1 14   51         X     X CTD
MARM. FJ     66U1  71  8.1  51 16.8    78 10  1 15   90         X     X CTD
MARM. FJ     66U1  71  7.2  51 25.3    78 10  1 15   91         X     X CTD
MARM. FJ     66U1  71  6.4  51 14.0    78 10  2  9   49         X     X CTD
MARM. FJ     66U4  71  7.4  51 16.0    78 10  2  9   55         X     X CTD
MARM. FJ     1     71  6.4  51 14.0    78 10 12      45    50     X   X
MARM. FJ     4     71  7.4  51 16.0    78 10 12      65    70     X   X
MARM. FJ     10    71  8.1  51 16.8    78 10 12     100   117     X   X
MARM. FJ     12    71  7.9  51 19.3    78 10 12     165   170     X   X
MARM. FJ     16    71  7.2  51 25.3    78 10 12     200   210     X   X
MARM. FJ     17    71  6.0  51 30.5    78 10 14     180   190     X   X
MARM. FJ     18    71  4.9  51 38.5    78 10 14     700   800     X   X
MARM. FJ     19    71  6.0  51 50.0    78 10 16     200   336     X   X
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BOTTLE/CTD DATA SET NUMBER: 79-0011
YEAR:1979 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT NO HR
BAFFIN B	2C	75 42.0	79 5.0	79	7	25	14	363		X		X	GUIL	
BAFFIN B	11F	74 35.0	79 22.0	79	7	21	10	498		X		X	GUIL	
BAFFIN B	11G	74 29.0	79 2.0	79	7	21	9	589		X		X	GUIL	
BAFFIN B	11E	74 32.0	78 23.4	79	7	22	4	544		X		X	GUIL	
BAFFIN B	11D	74 18.9	78 25.4	79	7	22	6	677		X		X	GUIL	
BAFFIN B	3B	74 58.0	78 46.0	79	7	24	7	435		X		X	GUIL	
BAFFIN B	3C	74 58.0	78 8.0	79	7	24	9	331		X		X	GUIL	
BAFFIN B	3D	74 58.1	77 23.9	79	7	24	11	289		X		X	GUIL	
BAFFIN B	3A	74 56.8	79 13.9	79	7	25	3	496		X		X	GUIL	
BAFFIN B	2N	75 17.0	78 9.0	79	7	25	6	439		X		X	GUIL	
BAFFIN B	2A	75 31.0	79 30.0	79	7	25	9	530		X		X	GUIL	
BAFFIN B	2B	75 37.8	79 21.5	79	7	25	12	489		X		X	GUIL	
BAFFIN B	2D	75 39.9	78 31.1	79	7	26	2	450		X		X	GUIL	
BAFFIN B	2E	75 44.2	77 11.0	79	7	26	6	217		X		X	GUIL	
BAFFIN B	2K	75 32.8	77 5.0	79	7	26	8	319		X		X	GUIL	
BAFFIN B	2M	75 17.4	77 2.5	79	7	26	11	346		X		X	GUIL	
BAFFIN B	3F	74 58.0	75 14.0	79	7	27	3	485		X		X	GUIL	
BAFFIN B	3E	74 58.0	76 28.0	79	7	27	6	333		X		X	GUIL	
BAFFIN B	12E	74 22.4	76 9.0	79	7	27	10	620		X		X	GUIL	
BAFFIN B	12D	74 11.6	76 28.0	79	7	27	13	686		X		X	GUIL	
ECLIPSE	12B	73 48.7	77 3.5	79	7	27	20	896		X		X	GUIL	
ECLIPSE	12A	73 37.1	77 24.3	79	7	27	23	808		X		X	GUIL	
ECLIPSE	11I	73 56.2	77 37.0	79	7	28	3	837		X		X	GUIL	
BAFFIN B	11M	74 3.0	78 5.4	79	7	28	6	842		X		X	GUIL	
ECLIPSE	11B	73 55.0	78 31.0	79	7	28	9	784		X		X	GUIL	
ECLIPSE	11A	73 43.4	78 31.0	79	7	28	13	886		X		X	GUIL	
ECLIPSE	11A	73 43.3	78 30.8	79	8	3	7	833		X		X	GUIL	

ECLIPSE	11B	73	55.0	78	31.0	79	8	3	10	792	X	X	GUIL
BAFFIN B	11C	74	7.2	78	29.0	79	8	3	12	802	X	X	GUIL
BAFFIN B	12C	73	59.6	76	46.0	79	8	4	7	826	X	X	GUIL
ECLIPSE	12B	73	48.6	77	3.9	79	8	4	9	895	X	X	GUIL
ECLIPSE	11I	73	56.2	77	.0	79	8	4	14	852	X	X	GUIL
BAFFIN B	11H	74	1.4	78	17.2	79	8	4	19	805	X	X	GUIL
BAFFIN B	12D	74	11.5	76	28.0	79	8	4	23	665	X	X	GUIL
BAFFIN B	12E	74	22.5	76	7.6	79	8	5	2	625	X	X	GUIL
BAFFIN B	13F	74	10.8	73	30.3	79	8	5	7	703	X	X	GUIL
BAFFIN B	13E	73	58.0	74	22.1	79	8	5	10	772	X	X	GUIL
BAFFIN B	13D	73	48.8	74	52.4	79	8	5	12	883	X	X	GUIL
BAFFIN B	13C	73	40.5	75	30.4	79	8	5	14	867	X	X	GUIL
BAFFIN B	13B	73	29.5	76	.2	79	8	5	16	942	X	X	GUIL
BAFFIN B	13A	73	21.6	76	34.3	79	8	5	18	560	X	X	GUIL
BAFFIN B	15B	72	44.3	76	22.8	79	8	7	1	578	X	X	GUIL
BAFFIN B	14B	73	.0	75	15.8	79	8	7	6	733	X	X	GUIL
BAFFIN B	14C	73	8.3	74	46.2	79	8	7	9	841	X	X	GUIL
BAFFIN B	14D	73	19.4	74	6.5	79	8	7	12	812	X	X	GUIL
BAFFIN B	14E	73	28.5	73	30.0	79	8	7	14	769	X	X	GUIL
BAFFIN B	16E	73	12.3	72	41.8	79	8	7	18	813	X	X	GUIL
BAFFIN B	16D	72	59.8	73	26.4	79	8	7	20	792	X	X	GUIL
BAFFIN B	16C	72	52.5	73	57.3	79	8	7	23	769	X	X	GUIL
BAFFIN B	16B	72	43.9	74	24.8	79	8	8	0	691	X	X	GUIL
BAFFIN B	16A	72	37.5	74	55.3	79	8	8	2	416	X	X	GUIL
BAFFIN B	17B	72	19.0	73	17.8	79	8	8	7	213	X	X	GUIL
BAFFIN B	17C	72	23.5	73	.3	79	8	8	8	707	X	X	GUIL
BAFFIN B	17D	72	33.0	72	32.0	79	8	8	10	840	X	X	GUIL
BAFFIN B	18F	72	12.6	69	19.4	79	8	9	4	1351	X	X	GUIL
BAFFIN B	18E	72	1.6	69	57.8	79	8	9	7	1220	X	X	GUIL
BAFFIN B	18D	71	47.9	70	43.0	79	8	9	10	1090	X	X	GUIL
BAFFIN B	18C	71	44.6	70	53.5	79	8	9	12	516	X	X	GUIL
BAFFIN B	17E	72	44.6	71	46.9	79	8	9	23	1052	X	X	GUIL
BAFFIN B	14F	73	42.9	72	38.7	79	8	10	7	865	X	X	GUIL
ECLIPSE	15C	73	5.9	80	20.0	79	8	16	9	241	X	X	GUIL
SMITH SD	2H	76	5.9	71	39.7	79	8	18	23	458	X	X	GUIL
BAFFIN B	2E	75	43.6	77	12.0	79	8	20	17	211	X	X	GUIL
BAFFIN B	2A	75	30.9	79	30.4	79	8	21	7	532	X	X	GUIL
BAFFIN B	3F	74	56.9	75	10.4	79	8	21	18	453	X	X	GUIL
BAFFIN B	3E	74	57.7	76	29.6	79	8	21	21	321	X	X	GUIL

BAFFIN B	3D	74	57.7	77	27.3	79	8	22	1	283	X	X	GUIL
BAFFIN B	3C	74	57.9	78	1.7	79	8	22	3	335	X	X	GUIL
BAFFIN B	3B	74	57.8	78	44.0	79	8	22	6	418	X	X	GUIL
BAFFIN B	3A	74	57.9	79	4.5	79	8	22	7	449	X	X	GUIL
BAFFIN B	11F	74	34.9	79	21.6	79	8	22	10	471	X	X	GUIL
BAFFIN B	13A	73	21.8	76	33.9	79	8	25	23	617	X	X	GUIL
BAFFIN B	13B	73	31.7	76	26.0	79	8	26	1	885	X	X	GUIL
BAFFIN B	13C	73	39.7	75	27.0	79	8	26	5	855	X	X	GUIL
BAFFIN B	13D	73	49.2	74	54.7	79	8	26	7	875	X	X	GUIL
BAFFIN B	13E	73	58.8	74	21.5	79	8	26	10	746	X	X	GUIL
BAFFIN B	13F	74	11.9	73	37.4	79	8	26	13	689	X	X	GUIL
BAFFIN B	14A	72	49.1	75	48.0	79	8	28	21	349	X	X	GUIL
BAFFIN B	17A	72	8.5	73	53.5	79	8	29	8	81	X	X	GUIL
BAFFIN B	17B	72	19.0	73	17.5	79	8	29	10	209	X	X	GUIL
BAFFIN B	17C	72	23.7	73	.5	79	8	29	11	647	X	X	GUIL
BAFFIN B	17D	72	35.1	72	33.7	79	8	29	13	801	X	X	GUIL
BAFFIN B	16D	72	59.9	73	27.9	79	8	29	22	787	X	X	GUIL
BAFFIN B	12E	74	23.0	76	14.4	79	8	31	0	617	X	X	GUIL
BAFFIN B	11E	74	32.1	78	24.2	79	8	31	18	569	X	X	GUIL
ECLIPSE	11B	73	55.1	78	30.8	79	9	1	0	754	X	X	GUIL
BAFFIN B	11G	74	29.6	79	6.1	79	9	1	14	596	X	X	GUIL
BAFFIN B	14B	73	.2	75	13.8	79	10	1	1	691	X	X	GUIL
BAFFIN B	17A	72	8.4	73	53.3	79	10	4	14	52	X	X	GUIL
ECLIPSE	15A	73	30.9	82	40.9	79	9	10	15	302	X	X	GUIL
ECLIPSE	15D	72	46.6	79	53.2	79	9	10	23	151	X	X	GUIL
BAFFIN B	15G	72	46.8	76	23.7	79	9	12	0	590	X	X	GUIL
BAFFIN B	3A	74	58.0	79	12.6	79	9	18	18	474	X	X	GUIL
BAFFIN B	17B	72	18.9	73	17.7	79	10	4	15	193	X	X	GUIL
BAFFIN B	17E	72	45.2	71	44.0	79	10	4	21	1009	X	X	GUIL
BAFFIN B	18C	71	44.5	70	53.7	79	10	5	14	465	X	X	GUIL
BAFFIN B	19A	70	53.2	69	7.0	79	10	5	22	149	X	X	GUIL
BAFFIN B	19D	71	13.5	67	53.2	79	10	6	4	947	X	X	GUIL
BAFFIN B	20A	70	5.7	66	52.2	79	10	9	14	30	X	X	GUIL
BAFFIN B	20D	70	26.1	65	22.8	79	10	10	0	1302	X	X	GUIL
BAFFIN B	21C	69	10.6	65	3.8	79	10	10	16	469	X	X	GUIL
BAFFIN B	22A	67	45.6	63	33.5	79	10	11	7	233	X	X	GUIL
BAFFIN B	22D	68	4.8	62	26.3	79	10	11	14	1270	X	X	GUIL
BAFFIN B	23F	67	.0	59	17.8	79	10	12	8	1049	X	X	GUIL
BAFFIN B	23C	66	46.3	60	37.6	79	10	12	16	465	X	X	GUIL

BAFFIN B	11F	74	35.6	79	20.5	79	9	19	3	507	X	X	GUIL
BAFFIN B	2M	75	17.3	77	2.1	79	9	26	19	330	X	X	GUIL
BAFFIN B	13D	74	19.0	78	26.8	79	9	28	18	611	X	X	GUIL
BAFFIN B	13E	73	40.1	75	17.7	79	9	30	3	886	X	X	GUIL
BAFFIN B	14F	73	43.0	72	39.3	79	9	30	16	669	X	X	GUIL
BAFFIN B	6F	74	11.0	79	39.8	79	7	19	19	779	X	X	GUIL
BAFFIN B	2L	75	17.3	75	56.0	79	7	26	14	388	X	X	GUIL
BAFFIN B	12C	75	58.4	76	41.3	79	7	27	15	758	X	X	GUIL
BAFFIN B	11G	74	31.0	79	12.5	79	8	3	16	537	X	X	GUIL
BAFFIN B	11E	74	32.9	78	29.3	79	8	3	19	508	X	X	GUIL
BAFFIN B	11D	74	19.9	78	23.7	79	8	3	21	683	X	X	GUIL
ECLIPSE	12A	73	37.2	77	22.0	79	8	4	11	1078	X	X	GUIL
ECLIPSE	15F	72	48.0	77	34.0	79	8	6	23	599	X	X	GUIL
BAFFIN B	14A	72	51.2	75	27.8	79	8	7	4	385	X	X	GUIL
BAFFIN B	10B	71	40.9	71	4.6	79	8	9	13	225	X	X	GUIL
ECLIPSE	15E	72	34.5	79	10.6	79	8	16	4	675	X	X	GUIL
ECLIPSE	15D	72	47.0	79	53.9	79	8	16	7	130	X	X	GUIL
ECLIPSE	15B	73	26.5	81	2.2	79	8	16	12	301	X	X	GUIL
SMITH SD	2J	76	11.4	70	7.1	79	8	18	19	219	X	X	GUIL
SMITH SD	2I	76	9.2	70	37.9	79	8	18	21	625	X	X	GUIL
BAFFIN B	2G	75	59.9	73	14.0	79	8	19	3	337	X	X	GUIL
JONES SD	1D1	76	14.5	82	13.0	79	8	19	23	679	X	X	GUIL
JONES SD	1C	76	6.7	82	33.5	79	8	20	1	764	X	X	GUIL
SMITH SD	1G	76	13.7	72	20.6	79	8	20	10	154	X	X	GUIL
SMITH SD	1F	76	9.5	79	12.3	79	8	20	11	101	X	X	GUIL
BAFFIN B	2K	75	32.0	77	5.1	79	8	20	20	321	X	X	GUIL
BAFFIN B	2D	75	40.1	78	29.1	79	8	20	23	430	X	X	GUIL
BAFFIN B	2B	75	36.2	79	27.1	79	8	21	2	465	X	X	GUIL
BAFFIN B	2C	75	40.9	79	15.3	79	8	21	3	489	X	X	GUIL
BAFFIN B	2N	75	17.6	78	9.0	79	8	21	10	374	X	X	GUIL
BAFFIN B	2M	75	17.2	77	2.0	79	8	21	12	331	X	X	GUIL
BAFFIN B	2L	75	17.3	75	55.0	79	8	21	14	337	X	X	GUIL
BAFFIN B	3D	74	57.7	77	27.3	79	8	22	1	281	X	X	GUIL
BAFFIN B	14F	73	43.0	72	39.1	79	8	26	17	857	X	X	GUIL
BAFFIN B	14E	73	28.7	73	29.5	79	8	26	20	841	X	X	GUIL
BAFFIN B	15G	72	44.2	76	22.8	79	8	15	13	537	X	X	GUIL
BAFFIN B	16B	74	45.1	74	32.4	79	8	27	8	694	X	X	GUIL
BAFFIN B	14B	73	.0	75	14.9	79	8	28	22	777	X	X	GUIL
BAFFIN B	16E	73	7.8	72	57.9	79	8	29	20	666	X	X	GUIL

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BAFFIN B    16C   72 51.8  73 56.2    79  8 30  0  758      X      X GUIL
BAFFIN B    20    75 16.9  79 13.3    79  8 31  8  558      X      X GUIL
BAFFIN B    11D   74 19.0  78 25.2    79  8 31 20  667      X      X GUIL
BAFFIN B    11C   74  7.6  78 31.3    79  8 31 22  758      X      X GUIL
ECLIPSE     11A   73 43.3  78 33.3    79  9  1  3  595      X      X GUIL
ECLIPSE     15F   72 48.0  77 34.0    79  8 15 17  937      X      X GUIL
BAFFIN B    14D   73 20.0  74  4.4    79  8 30  7  896      X      X GUIL
BAFFIN B    16A   72 37.1  74 52.8    79  8 27  5  393      X      X GUIL
ECLIPSE     11I   73 56.4  77 39.7    79  9  1  8  807      X      X GUIL
BAFFIN B    11H   74  2.9  78  4.9    79  9  1 10  835      X      X GUIL
BAFFIN B    11F   74 35.5  79 20.4    79  9  1 16  409      X      X GUIL
BAFFIN B    6F    74 11.1  79 40.2    79  9  2  3  726      X      X GUIL
ECLIPSE     15B   73 27.6  81  2.0    79  9 10 17  275      X      X GUIL
ECLIPSE     15C   73  5.8  80 20.2    79  9 10 20  190      X      X GUIL
ECLIPSE     15E   72 34.1  79 13.1    79  9 11  1  597      X      X GUIL
ECLIPSE     15F   72 48.1  77 31.1    79  9 11 21  847      X      X GUIL
BAFFIN B    2C    75 42.0  79  5.0    79  9 18  1  389      X      X GUIL
BAFFIN B    2B    75 37.7  79 21.4    79  9 18  3  489      X      X GUIL
BAFFIN B    2A    75 30.9  79 30.0    79  9 18  9  493      X      X GUIL
BAFFIN B    11G   74 30.2  79  5.5    79  9 19  0  621      X      X GUIL
BAFFIN B    2D    75 41.4  78 27.9    79  9 24 13  335      X      X GUIL
BAFFIN B    2E    75 44.2  77 10.6    79  9 24 17  211      X      X GUIL
BAFFIN B    2K    75 32.9  77  4.6    79  9 24 19  320      X      X GUIL
BAFFIN B    20    75 16.3  79  9.0    79  9 25 14  553      X      X GUIL
BAFFIN B    3C    74 58.1  78  8.1    79  9 25 18  329      X      X GUIL
BAFFIN B    3D    74 58.2  77 23.4    79  9 25 21  286      X      X GUIL
BAFFIN B    3F    74 58.2  75 11.2    79  9 26  1  441      X      X GUIL
BAFFIN B    2L    75 17.3  75 55.1    79  9 26 15  359      X      X GUIL
BAFFIN B    2N    75 17.5  78  8.5    79  9 26 21  389      X      X GUIL
BAFFIN B    11H   74  2.2  78 10.5    79  9 27 22  811      X      X GUIL
ECLIPSE     11B   73 54.9  78 30.7    79  9 28  0  723      X      X GUIL
ECLIPSE     11A   73 42.7  78 26.0    79  9 28  2  881      X      X GUIL
ECLIPSE     11I   73 56.2  77 37.6    79  9 28 11  775      X      X GUIL
BAFFIN B    11C   74  7.2  78 28.4    79  9 28 16  739      X      X GUIL
BAFFIN B    11E   74 31.9  78 24.5    79  9 28 20  495      X      X GUIL
BAFFIN B    18F   72 12.5  69 19.0    79 10  4 15 1946      X      X GUIL
BAFFIN B    12D   74 11.6  76 27.8    79  9 30  2  593      X      X GUIL
BAFFIN B    12C   74   .3  76 45.5    79  9 29 10  730      X      X GUIL
ECLIPSE     12A   73 37.3  77 24.0    79  9 29 15  948      X      X GUIL
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BAFFIN B	13A	74	22.0	76	35.0	79	9	29	22	519	X	X	GUIL
BAFFIN B	13B	73	29.8	76	1.0	79	9	29	24	833	X	X	GUIL
BAFFIN B	13D	73	39.4	74	58.4	79	9	30	10	815	X	X	GUIL
BAFFIN B	13E	73	58.7	74	21.7	79	9	30	12	700	X	X	GUIL
BAFFIN B	14E	73	28.8	73	29.5	79	9	30	18	773	X	X	GUIL
BAFFIN B	14D	73	19.2	74	4.8	79	9	30	21	820	X	X	GUIL
BAFFIN B	14C	73	9.7	74	39.9	79	9	30	23	815	X	X	GUIL
BAFFIN B	14A	72	52.4	75	49.6	79	10	1	11	396	X	X	GUIL
BAFFIN B	17C	72	22.7	73	11.0	79	10	4	16	468	X	X	GUIL
BAFFIN B	17D	72	32.8	72	29.3	79	10	4	18	806	X	X	GUIL
BAFFIN B	18E	72	.4	70	1.0	79	10	5	7	1771	X	X	GUIL
BAFFIN B	18D	71	47.8	70	42.8	79	10	5	12	878	X	X	GUIL
BAFFIN B	12E	74	22.5	76	9.6	79	9	29	1	570	X	X	GUIL
BAFFIN B	18B	71	40.6	71	6.9	79	10	5	15	194	X	X	GUIL
BAFFIN B	18A	71	35.3	71	24.7	79	10	5	16	88	X	X	GUIL
BAFFIN B	19B	71	5.9	68	28.7	79	10	6	0	165	X	X	GUIL
BAFFIN B	19C	71	11.4	68	3.2	79	10	6	3	508	X	X	GUIL
BAFFIN B	19E	71	29.0	67	4.2	79	10	6	7	1962	X	X	GUIL
BAFFIN B	18F	72	12.5	69	19.0	79	10	4	15	1988	X	X	GUIL
BAFFIN B	21E	69	39.4	63	1.0	79	10	7	17	1858	X	X	GUIL
BAFFIN B	20B	70	14.7	66	11.4	79	10	9	19	85	X	X	GUIL
BAFFIN B	20C	70	19.7	65	48.7	79	10	9	21	809	X	X	GUIL
BAFFIN B	20E	70	39.4	64	21.4	79	10	10	4	2008	X	X	GUIL
BAFFIN B	21D	69	20.1	64	20.6	79	10	10	13	1060	X	X	GUIL
BAFFIN B	21B	69	3.0	65	38.3	79	10	10	18	432	X	X	GUIL
BAFFIN B	21A	68	51.0	66	23.5	79	10	10	21	708	X	X	GUIL
BAFFIN B	22B	67	53.2	63	6.6	79	10	11	9	262	X	X	GUIL
BAFFIN B	22C	67	58.4	62	49.6	79	10	11	11	999	X	X	GUIL
BAFFIN B	22E	68	19.8	61	33.2	79	10	11	18	1576	X	X	GUIL
BAFFIN B	23G	67	8.8	58	25.3	79	10	12	5	1093	X	X	GUIL
BAFFIN B	23E	66	53.9	59	54.8	79	10	12	11	774	X	X	GUIL
BAFFIN B	23D	66	49.5	60	19.5	79	10	12	14	515	X	X	GUIL
BAFFIN B	23B	66	41.7	60	59.1	79	10	12	19	273	X	X	GUIL
BAFFIN B	23A	65	40.5	61	13.0	79	10	12	19	65	X	X	GUIL
ECLIPSE	12B	73	49.0	77	4.9	79	9	29	12	812	X	X	GUIL
BAFFIN B	3B	74	56.4	78	54.9	79	9	18	15	390	X	X	GUIL

BOTTLE/CTD DATA SET NUMBER: 79-0015
YEAR:1979 VESSEL/AGENCY: ZODIAC

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT NO HR
BAFFIN B	CF1	73 33.4	77 23.0	79	8	28	23	30				X	AMS	
BAFFIN B	CF2	73 33.6	77 23.0	79	8	28	23	39				X	AMS	
BAFFIN B	CF3	73 33.9	77 22.5	79	8	28	23	202				X	AMS	
BAFFIN B	CF4	73 34.3	77 22.5	79	8	28	23	250				X	AMS	
BAFFIN B	CF5	73 34.7	77 22.0	79	8	29	0	250				X	AMS	
BAFFIN B	CF6	73 35.1	77 27.5	79	8	29	1	250				X	AMS	
BAFFIN B	CF7	73 34.7	77 28.0	79	8	29	1	250				X	AMS	
BAFFIN B	CF8	73 34.2	77 29.0	79	8	29	2	31				X	AMS	

BOTTLE/CTD DATA SET NUMBER: 79-0023
YEAR:1979 VESSEL/AGENCY: DANISH

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	 MO	 DY	 HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	 S	 T	INSTR	INT NO HR
MARM. FJ	1	71 6.9	51 14.0	79	3	21		50	52		X	X		
MARM. FJ	4	71 7.9	51 16.0	79	3	21		63	65		X	X		
MARM. FJ	10	71 8.1	51 16.8	79	3	21		70	75		X	X		
MARM. FJ	12	71 7.9	51 19.3	79	3	21		180	186		X	X		
MARM. FJ	16	71 7.2	51 25.3	79	3	20		180	188		X	X		
MARM. FJ	17	71 6.0	51 30.5	79	3	20		145	152		X	X		

BOTTLE/CTD DATA SET NUMBER: 80-0007
YEAR:1980 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	DATE YR	DATE MO	DATE DY	DATE HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	PARAM MEAS S	PARAM MEAS T	INSTR	INT NO HR
[illegible] IS	5	68	2.9	56	15.2	80	7	28	18			X		X		
BAFFIN B	6	71	12.6	58	35.9	80	7	28	12			X		X		
MELV BAY	7	74	55.3	64	31.0	80	7	29	16			X		X		
MELV BAY	8	75	26.8	65	52.5	80	7	29	23			X		X		
SMITH SD	9	76	8.7	68	33.8	80	7	30	13			X		X		
BAFFIN B	10	75	40.1	69	21.9	80	7	31	0			X		X		
BAFFIN B	11	75	46.4	69	3.2	80	7	31	11			X		X		
BAFFIN B	12	75	43.9	69	13.7	80	7	31	16			X		X		
BAFFIN B	13	75	11.1	67	21.0	80	8	1	0			X		X		
BAFFIN B	14	75	15.5	67	25.9	80	8	1	1			X		X		
BAFFIN B	15	75	20.3	67	28.0	80	8	1	3			X		X		
BAFFIN B	16	75	25.0	67	32.8	80	8	1	4			X		X		
BAFFIN B	17	75	29.8	67	37.5	80	8	1	5			X		X		
BAFFIN B	18	75	34.7	67	43.2	80	8	1	7			X		X		
BAFFIN B	19	75	39.5	67	47.8	80	8	1	8			X		X		
BAFFIN B	20	75	44.6	67	54.0	80	8	1	9			X		X		
BAFFIN B	21	75	48.8	68	1.7	80	8	1	10			X		X		
BAFFIN B	22	75	54.0	68	4.0	80	8	1	11			X		X		
BAFFIN B	23	75	58.8	68	5.6	80	8	1	14			X		X		
SMITH SD	24	76	1.8	68	12.8	80	8	1	16			X		X		
SMITH SD	25	76	8.7	68	35.0	80	8	2	12			X		X		
SMITH SD	26	76	1.0	68	25.5	80	8	3	0			X		X		
BAFFIN B	27	75	56.6	68	35.0	80	8	3	1			X		X		
BAFFIN B	28	75	52.0	68	45.0	80	8	3	2			X		X		
BAFFIN B	29	75	47.6	68	54.5	80	8	3	4			X		X		
BAFFIN B	30	75	43.2	69	4.2	80	8	3	5			X		X		
BAFFIN B	31	75	38.8	69	14.3	80	8	3	7			X		X		

BAFFIN B	32	75	34.5	69	22.5	80	8	3	8	X	X
BAFFIN B	33	75	.0	69	.0	80	8	3	9	X	X
BAFFIN B	34	75	25.4	69	42.4	80	8	3	11	X	X
BAFFIN B	35	75	21.5	69	50.3	80	8	3	12	X	X
BAFFIN B	36	75	19.0	71	9.5	80	8	3	17	X	X
BAFFIN B	37	75	17.5	72	25.0	80	8	3	21	X	X
BAFFIN B	38	75	8.7	73	35.7	80	8	4	0	X	X
BAFFIN B	39	75	5.5	74	51.6	80	8	4	2	X	X
BAFFIN B	40	75	2.0	76	13.9	80	8	4	5	X	X
BAFFIN B	41	75	1.6	76	33.0	80	8	4	6	X	X
BAFFIN B	42	75	.9	76	51.0	80	8	4	7	X	X
BAFFIN B	43	74	59.9	77	11.4	80	8	4	8	X	X
BAFFIN B	44	74	59.0	77	32.5	80	8	4	9	X	X
BAFFIN B	45	74	57.8	77	45.8	80	8	4	10	X	X
BAFFIN B	46	74	57.0	78	8.2	80	8	4	11	X	X
BAFFIN B	47	74	56.3	78	22.5	80	8	4	13	X	X
BAFFIN B	48	74	55.5	78	46.8	80	8	4	14	X	X
BAFFIN B	49	74	54.7	79	6.8	80	8	4	15	X	X
ECLIPSE	79	72	42.0	78	54.2	80	8	10	11	X	X
ECLIPSE	80	72	42.0	78	2.5	80	8	11	21	X	X
ECLIPSE	127	73	33.8	77	22.7	80	8	20	10	X	X
ECLIPSE	128	73	38.0	77	10.5	80	8	20	12	X	X
BAFFIN B	129	73	40.7	76	59.0	80	8	20	14	X	X
BAFFIN B	130	73	44.5	76	47.0	80	8	20	19	X	X
BAFFIN B	131	73	48.2	76	35.0	80	8	20	20	X	X
BAFFIN B	132	73	51.7	76	23.0	80	8	20	22	X	X
BAFFIN B	133	73	55.9	76	13.8	80	8	21	0	X	X
BAFFIN B	134	73	59.0	76	1.0	80	8	21	1	X	X
SMITH SD	135	76	6.0	75	37.4	80	8	21	3	X	X
BAFFIN B	136	74	42.2	73	36.5	80	8	21	8	X	X
ECLIPSE	141	73	46.8	79	26.0	80	8	21	19	X	X
JONES SD	142	75	47.7	81	3.9	80	8	22	0	X	X
JONES SD	143	75	51.9	81	5.6	80	8	22	1	X	X
JONES SD	144	75	56.6	81	5.5	80	8	22	2	X	X
JONES SD	145	76	1.5	81	5.0	80	8	22	3	X	X
JONES SD	146	76	6.9	81	4.3	80	8	22	3	X	X
JONES SD	147	76	20.0	83	.0	80	8	22	7	X	X
JONES SD	154	76	32.0	84	57.5	80	8	23	12	X	X
JONES SD	166	76	6.2	81	4.5	80	8	24	6	X	X

JONES SD	145	76 1.3	81 5.0	80	8	24	7			X		X			
JONES SD	144	75 56.8	81 5.0	80	8	24	8			X		X			
JONES SD	143	75 52.0	81 5.0	80	8	24	10			X		X			
JONES SD	142	75 52.0	81 5.0	80	8	24	10			X		X			
BAFFIN B	155	75 47.0	79 32.0	80	8	24	15			X		X			
SMITH SD	148	78 19.4	74 56.0	80	8	25	12			X		X			
SMITH SD	149	78 17.8	74 34.3	80	8	25	14			X		X			
SMITH SD	190	78 15.5	74 12.0	80	8	25	18			X		X			
SMITH SD	151	78 14.0	73 42.0	80	8	25	21			X		X			
SMITH SD	152	78 12.0	73 13.0	80	8	25	22			X		X			
ECLIPSE	153	73 4.0	78 10.5	80	8	25	23			X		X			
NARES ST	156	79 46.6	69 29.5	80	8	26	11			X		X			
NARES ST	157	79 22.5	70 46.0	80	8	26	18			X		X			

BOTTLE/CTD DATA SET NUMBER: 80-0008
YEAR:1980 VESSEL/AGENCY: POLAR HAV

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE				CAST TO (M)	WATER DEPTH (M)	PARAM MEAS			INSTR	INT HR	NO
				YR	MO	DY	HR			C	S	T			
BAFFIN B	A1	74 54.6	79 24.6	80	8	5	20	146				X	AMS		
BAFFIN B	A2	74 55.6	78 56.8	80	8	5	17	487				X	AMS		
BAFFIN B	A3	74 52.0	78 36.2	80	8	5	16	225				X	AMS		
BAFFIN B	A4	74 52.8	78 15.0	80	8	5	14	175		X		X	AMS		
BAFFIN B	A5	74 53.2	77 58.0	80	8	5	13	300		X		X	AMS		
BAFFIN B	A6	74 54.6	77 20.0	80	8	5	11	250		X		X	AMS		
BAFFIN B	A1	74 58.5	79 15.0	80	9	4	22	100			X	X	BOTT		
BAFFIN B	A2	74 58.5	79 .0	80	9	4	19	400			X	X	BOTT		
BAFFIN B	A3	74 58.5	78 39.3	80	9	4	18	300			X	X	BOTT		
BAFFIN B	A4	74 58.5	78 20.0	80	9	4	16	300			X	X	BOTT		
BAFFIN B	A5	74 58.5	78 30.0	80	9	4	13	300			X	X	BOTT		
BAFFIN B	A6	74 58.5	77 24.1	80	9	4	11	250			X	X	BOTT		
BAFFIN B	A7	74 17.5	79 16.0	80	9	5	2	400			X	X	BOTT		

BAFFIN B	A8	74 17.5	78 54.0	80	9	5	4	400			X	X	BOTT		
BAFFIN B	A9	74 17.5	78 28.0	80	9	5	6	400			X	X	BOTT		
BAFFIN B	A10	74 17.5	78 9.0	80	9	5	14	300			X	X	BOTT		
SMITH SD	A11	76 16.2	77 34.0	80	9	5	11	300			X	X	BOTT		
BAFFIN B	A1	74 59.0	79 16.9	80	10	2	24	400		X		X	AMS		
BAFFIN B	A2	74 58.5	79 .0	80	10	4	14	400		X		X	AMS		
BAFFIN B	A3	74 57.1	78 43.3	80	10	4	17	300		X		X	AMS		
BAFFIN B	A4	74 57.6	78 24.1	80	10	4	19	300		X		X	AMS		
BAFFIN B	A5	74 58.5	78 2.4	80	10	4	21	250		X		X	AMS		
BAFFIN B	A6	74 59.1	77 22.5	80	10	5	0	250		X		X	AMS		
BAFFIN B	A7	75 17.0	79 16.2	80	10	3	23	300		X		X	AMS		
BAFFIN B	A8	75 17.5	78 54.0	80	10	4	3	500		X		X	AMS		
BAFFIN B	A9	75 17.5	78 28.0	80	10	5	9	400		X		X	AMS		
BAFFIN B	A10	75 17.6	78 10.0	80	10	5	7	300		X		X	AMS		
BAFFIN B	A11	75 17.5	77 2.0	80	10	5	4	300		X		X	AMS		

BOTTLE/CTD DATA SET NUMBER: 80-0017
YEAR:1980 VESSEL/AGENCY: HUDSON

AREA	STN	LAT DEG MIN	LON DEG MIN	DATE YR	MO	DY	HR	CAST TO (M)	WATER DEPTH (M)	PARAM MEAS C	S	T	INSTR	INT HR	NO
BAFFIN B	1	73 42.5	67 15.8	80	9	1	13	348		X		X	GUIL		
BAFFIN B	2	72 48.2	66 28.2	80	9	2	11	410		X		X	GUIL		
BAFFIN B	3	71 50.0	67 .5	80	9	2	13	250		X		X	GUIL		
BAFFIN B	4	71 49.7	72 54.9	80	9	4	6	386		X		X	GUIL		
BAFFIN B	5	71 46.5	73 16.5	80	9	4	8	677		X		X	GUIL		
BAFFIN B	6	71 49.5	73 4.0	80	9	4	10	603		X		X	GUIL		
BAFFIN B	9	71 53.5	73 14.0	80	9	5	0	585		X		X	GUIL		
BAFFIN B	10	71 52.7	72 50.4	80	9	5	2	627		X		X	GUIL		
BAFFIN B	11	71 47.5	71 41.1	80	9	5	11	220		X		X	GUIL		
BAFFIN B	12	71 35.0	71 23.2	80	9	5	13	140		X		X	GUIL		
BAFFIN B	13	71 33.7	70 25.8	80	9	5	19	283		X		X	GUIL		

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BAFFIN B    14    71 30.7  70 12.4    80  9  5 21  660       X      X GUIL
BAFFIN B    15    71 28.2  69 59.0    80  9  5 22  493       X      X GUIL
BAFFIN B    16    71 25.7  69 45.6    80  9  5 24  229       X      X GUIL
BAFFIN B    17    71 24.9  69 56.0    80  9  6  1  250       X      X GUIL
BAFFIN B    19    71 25.9  70  2.4    80  9  6  3  292       X      X GUIL
BAFFIN B    21    71 27.4  70  8.4    80  9  6  6  594       X      X GUIL
BAFFIN B    23    71 28.9  70 16.2    80  9  6  8  653       X      X GUIL
BAFFIN B    25    71 29.8  70 23.5    80  9  6 11  582       X      X GUIL
BAFFIN B    26    71 29.2  70 34.0    80  9  6 12  243       X      X GUIL
BAFFIN B    27    71 27.9  70 25.8    80  9  6 14  680       X      X GUIL
BAFFIN B    28    71 28.4  70 20.5    80  9  6 15  713       X      X GUIL
BAFFIN B    29    71 26.4  70 20.3    80  9  6 17  631       X      X GUIL
BAFFIN B    31    71 25.3  70 13.9    80  9  6 20  635       X      X GUIL
BAFFIN B    33    71 23.7  70  7.4    80  9  6 22  360       X      X GUIL
BAFFIN B    35    71 22.7  70   .4    80  9  7  0  197       X      X GUIL
BAFFIN B    36    71 21.4  69 53.5    80  9  7  0  207       X      X GUIL
BAFFIN B    37    71 20.6  70  4.2    80  9  7  2  112       X      X GUIL
BAFFIN B    39    71 21.9  70 10.7    80  9  7  3  252       X      X GUIL
BAFFIN B    41    71 23.4  70 18.1    80  9  7  5  677       X      X GUIL
BAFFIN B    43    71 25.0  70 24.4    80  9  7  7  703       X      X GUIL
BAFFIN B    45    71 26.1  70 30.8    80  9  7 10  515       X      X GUIL
BAFFIN B    48    71 25.1  70 41.8    80  9  7 23  220       X      X GUIL
BAFFIN B    50    71 12.5  69  3.4    80  9  8 23  475       X      X GUIL
BAFFIN B    51    71 16.3  70 57.0    80  9  9  0  593       X      X GUIL
BAFFIN B    52    71 20.2  70 47.1    80  9  9  3  638       X      X GUIL
BAFFIN B    53    71 22.6  70 28.4    80  9  9  6  722       X      X GUIL
BAFFIN B    54    71 19.0  70 14.5    80  9  9  8  200       X      X GUIL
BAFFIN B    55    71 17.0  70  3.7    80  9  9  9  128       X      X GUIL
BAFFIN B    56    71 15.7  70 30.1    80  9  9 13  690       X      X GUIL
BAFFIN B    59    71 11.0  70 35.3    80  9 10  3  713       X      X GUIL
BAFFIN B    60    71  4.8  70 23.5    80  9 10  6  566       X      X GUIL
BAFFIN B    61    71 51.6  71 32.9    80  9 10 19  365       X      X GUIL
BAFFIN B    62    71 47.3  71 19.1    80  9 10 20  310       X      X GUIL
BAFFIN B    63    71 44.2  71  6.4    80  9 10 21  338       X      X GUIL
BAFFIN B    64    71 40.0  71 13.9    80  9 10 22  226       X      X GUIL
BAFFIN B    65    71 43.8  71 27.0    80  9 10 23  214       X      X GUIL
BAFFIN B    67    71 38.8  71 56.5    80  9 11  2  125       X      X GUIL
BAFFIN B    68    71 42.9  71 49.4    80  9 11  3  155       X      X GUIL
BAFFIN B    69    71 47.3  71 56.9    80  9 11  4  585       X      X GUIL
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BAFFIN B	70	71	36.3	70	1.5	80	9	11	9	238	X	X	GUIL
BAFFIN B	71	71	31.1	71	9.0	80	9	11	11	198	X	X	GUIL

11.2 CURRENT METER DATA

The listings contain the following information:

AREA	General area of station.
STN	Station number; wherever possible it is the station number assigned in the original data source. Multiple meters are differentiated as 1.1, 1.2, 1.3, for example.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length, days of both speed and direction data.
DT (MN)	Sampling rate in minutes.
DEPTHS-INSTR/WATER	Instrument and water depth, in metres.
INSTR TYPE	Instrument type: AAND - Aanderaa RCM-4 CUSH - Cushing electromagnetic M-MC - Marsh McBirney electromagnetic ENDE - Endeco HYDR - Hydrowerstatten BR - Braincon type 206 meter GEOD - Geodyne RICH - Richardson
ADDIT SENSOR	Other parameters measured - pressure, temperature, conductivity. Each measurement is qualified by one of the following: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - zero or obviously bad readings L - frequent speeds below the stall speed

Blank entries indicate unavailable or inapplicable data.
? implies suspect data, but the only/best available.

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CURRENT METER DATA SET NUMBER:  63-0005
YEAR:1963    VESSEL/AGENCY:  EVERGREEN

   AREA      STN     LAT       LON          START     STOP      EFF DT    DEPTHS      INST ADDIT
                   DEG MIN   DEG MIN      YR MO DY YR MO DY   LEN MN INSTR WATER   TYPE SENSOR
                                                                                          P T C
 SMITH SD    108    78 25.0   73  8.0      63  7 28 63  7 28    1  10    50          RICH
 SMITH SD    108    78 25.0   73  8.0      63  7 28 63  7 30    3  10   150          RICH
 SMITH SD    108    78 25.0   73  8.0      63  7 28 63  7 30    0  10   250          RICH
 SMITH SD    109    78 27.0   73 45.0      63  7 28 63  7 30    0  10   150          RICH
 SMITH SD    109    78 27.0   73 45.0      63  7 28 63  7 30    0  10   250          RICH
 SMITH SD    109    78 27.0   73 45.0      63  7 28 63  7 30    3  10   350          RICH
 SMITH SD    110    78 28.0   74 14.0      63  7 28 63  7 28    1  10   150          RICH
 SMITH SD    110    78 28.0   74 14.0      63  7 28 63  7 30    0  10   250          RICH

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CURRENT METER DATA SET NUMBER:  68-0007
YEAR:1968     VESSEL/AGENCY:  WESTWIND

   AREA        STN     LAT       LON          START     STOP     EFF DT    DEPTHS     INST ADDIT
                     DEG MIN   DEG MIN      YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                        P T C

 SMITH SD      171    76 37.2   74  7.0      68  9  8 68  9 22   11  10   100   620   BRAI
 SMITH SD      171    76 37.2   74  7.0      68  9  8 68  9 22            300   620   GEOD
 SMITH SD      172    77  7.0   72 28.0      68  9  7 68  9 18   11  10   100   620   BRAI
 SMITH SD      172    77  7.0   72 28.0      68  9  7 68  9 18            300   620   GEOD

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CURRENT METER DATA SET NUMBER:  69-0005
YEAR:1969     VESSEL/AGENCY:  KB2 ICE ISLAND

   AREA         STN    LAT      LON         START   .  STOP     EFF DT     DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN     YR MO DY YR MO DY   LEN MN INSTR WATER  TYPE SENSOR
                                                                                        P T C

 KANE BASIN    KB2   79 16.0  72 48.0     69  5  3 69  5 20   16   .    50   237  BRAI

-------------------------------------------------------------------------------------------------

CURRENT METER DATA SET NUMBER:  71-0012
YEAR:1971     VESSEL/AGENCY:  FIXED STATIONS

   AREA         STN    LAT      LON         START   .  STOP     EFF DT     DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN     YR MO DY YR MO DY   LEN MN INSTR WATER  TYPE SENSOR
                                                                                        P T C

 ROBESON CH     1    82  2.4  61 17.0     71  5  3 71  6  7   34  60    50   611  BRAI
 ROBESON CH     1    82  2.0  61  3.6     71  4 29 71  6  7   31  60     2   582  BRAI
 ROBESON CH     1    82  2.0  61  3.6     71  4 29 71  6  7   28  60     7   582  BRAI
 ROBESON CH     1    82  2.0  61  3.6     71  4 29 71  6  7   18  60    20   582  BRAI
 ROBESON CH     1    82  2.0  61  3.6     71  4 29 71  6  7   18  60    50   582  BRAI
 ROBESON CH     1    82  2.0  61  3.6     71  4 25 71  6  7   42  60    75   582  BRAI
 ROBESON CH     1    82  1.6  61 57.0     71  5 23 71  6  7   45  60    50   454  BRAI

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CURRENT METER DATA SET NUMBER: 72-0018
YEAR:1972 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	SENSOR
																	P T C
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	5	600	BRAI	
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	100	600	BRAI	
ROBESON CH	1	81	58.8	62	6.5	72	4	24	72	6	4	41	20	650	600	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	5	644	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	10	644	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	50	644	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	100	644	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	500	644	BRAI	
ROBESON CH	2	81	55.9	61	49.3	72	4	24	72	6	2	39	20	600	644	BRAI	
ROBESON CH	3	81	53.2	61	16.4	72	4	24	72	5	31	37	20	10		BRAI	
ROBESON CH	3	81	53.2	61	16.4	72	4	24	72	5	31	37	20	100		BRAI	

CURRENT METER DATA SET NUMBER: 75-0034
YEAR:1975 VESSEL/AGENCY: FIXED STATIONS

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
ROBESON CH	1	81	57.6	62	1.1	75	5	10	75	5	18	8	7	10		MARS			
ROBESON CH	2	81	53.9	61	40.0	75	5	10	75	5	18	1	2	10		MARS			

CURRENT METER DATA SET NUMBER: 75-0037
YEAR:1975 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT DEG	LAT MIN	LON DEG	LON MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	ADDIT SENSOR T	ADDIT SENSOR C
DISKO IS	62	68	2.0	55	28.0	75	9	27	75	10	4		10	28	68	AAND		X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	9	75	8	25		10	30	305	AAND	X	X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	26	75	8	29		10	140	305	AAND	X	X	X
DISKO IS	H100	68	47.8	53	2.0	75	8	26	75	8	29		10	30	305	AAND	X	X	X
DISKO IS	H300	69	8.5	53	24.0	75	8	3	75	8	7		10	30	300	AAND	X	X	X
DISKO IS	H300	69	8.5	53	24.0	75	8	3	75	8	7		10	150	300	AAND	X	X	X
DISKO IS	H30	69	8.5	53	24.0	75	9	3	75	9	4		10	30	300	AAND	X	X	X
DISKO IS	H30	69	8.5	53	24.0	75	9	3	75	9	4		10	200	300	AAND	X	X	X
DISKO IS	H4	68	55.8	53	12.4	75	8	1	75	8	29		10	369	735	AAND		X	X

CURRENT METER DATA SET NUMBER: 76-0024
YEAR:1976 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT		LON		START			STOP			EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG	MIN	DEG	MIN	YR	MO	DY	YR	MO	DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
DISKO IS	77	69	37.0	51	35.0	76	7	10	76	7	14		20	40	300	AAND		X	X
DISKO IS	77	69	37.0	51	35.0	76	7	10	76	7	12		20	250	300	AAND		X	X
DISKO IS	77	69	37.0	51	45.0	76	7	16	76	7	17		5	0	145	AAND	X	X	X
DISKO IS	77	69	37.0	51	40.5	76	8	4	76	8	5		5	9999		AAND	X	X	X
DISKO IS	77	69	37.0	51	40.5	76	8	16	76	8	20		10	30	200	AAND		X	X
DISKO IS	77	69	37.0	51	40.5	76	8	16	76	8	20		10	150	200	AAND		X	X
DISKO IS	V1	69	37.0	51	40.5	76	8	19	76	8	20		5	0	20	AAND	X	X	X
DISKO IS	V1	69	37.0	56	.0	76	8	26	76	9	20		10	30	200	AAND		X	X
DISKO IS	4A	69	37.0	56	.0	76	8	25	76	9	20		10	150	200	AAND		X	X
DISKO IS	4A	69	35.0	51	45.0	76	8	20	76	9	17		10	30	200	AAND		X	X
DISKO IS	4B	69	35.0	51	45.0	76	8	20	76	9	17		10	150	200	AAND		X	X
DISKO IS	9B	69	34.3	51	15.0	76	8	8	76	8	11		10	30	200	AAND		X	X
DISKO IS	I1	69	34.3	51	15.0	76	8	8	76	8	11		10	150	200	AAND		X	
DISKO IS	M305	69	10.0	51	20.0	76	7	19	76	7	19		5	0	280	AAND	X	X	X
DISKO IS	M3	69	9.5	53	28.5	76	7	25	76	7	25		5	0	370	AAND	X	X	X
DISKO IS	M3	69	7.4	53	30.3	76	7	6	76	7	25		10	35	320	AAND		X	X
DISKO IS	M309	69	7.4	53	30.3	76	7	6	76	7	27		10	270	320	AAND		X	X
DISKO IS	M309	69	6.5	53	28.0	76	8	14	76	8	21		10	30	200	AAND		X	X
DISKO IS	M309	69	6.5	53	28.0	76	8	14	76	8	21		10	150	200	AAND		X	
DISKO IS	M309	69	6.5	53	28.0	76	8	21	76	8	21		10	30	210	AAND		X	X
DISKO IS	M309	69	6.5	53	28.0	76	8	21	76	8	26		10	150	210	AAND		X	
DISKO IS	M309	69	6.5	53	28.0	76	8	26	76	9	14		10	30	210	AAND		X	X
DISKO IS	M2	69	6.5	53	28.0	76	8	26	76	9	14		10	150	210	AAND		X	
DISKO IS	M2	68	58.0	53	30.0	76	7	23	76	8	31		10	260		AAND		X	X
DISKO IS	M2	68	58.0	53	18.7	76	7	6	76	7	22		10	265	315	AAND		X	X
DISKO IS		68	58.0	53	18.7	76	7	6	76	7	22		10	30	315	AAND		X	X

DISKO IS	H204	68 56.3	53 14.5	76 7 22	76 7 23		10	30	600	AAND		X	X
DISKO IS	H204	68 56.3	53 14.5	76 7 22	76 7 23		10	260	600	AAND		X	X
DISKO IS	H204	68 56.3	53 14.5	76 7 22	76 7 23		10	490	600	AAND		X	X
DISKO IS	H1	68 50.5	53 9.0	76 7 23	76 8 26		10	40		AAND		X	X
DISKO IS	H1	68 50.5	53 9.0	76 7 23	76 8 26		10	240		AAND		X	X
DISKO IS	H1	68 50.5	53 9.0	76 8 26	76 10 7		10	40	300	AAND		X	X
DISKO IS	H1	68 50.1	53 5.1	76 7 5	76 7 21		10	45	325	AAND		X	X
DISKO IS	H3	68 49.0	53 3.0	76 7 21	76 7 21		10			AAND	X	X	X
DISKO IS	EGM	68 44.7	52 49.5	76 9 21	76 9 23		10	30	100	AAND		X	X
DISKO IS	EGM	68 44.7	52 49.5	76 9 21	76 9 23		10	94	100	AAND		X	X
DISKO IS	H4A	68 43.0	54 15.0	76 7 24	76 8 24		10	47		AAND		X	X
DISKO IS	H4A	68 43.0	54 15.0	76 7 24	76 8 24		10	272		AAND		X	X
DISKO IS	H4A	68 43.0	54 15.0	76 7 27	76 8 27		10	167		AAND		X	X
DISKO IS	H4B	68 42.0	56 .0	76 8 25	76 9 19		10	30	310	AAND		X	X
DISKO IS	H4B	68 42.0	56 .0	76 8 25	76 9 19		10	260	210	AAND		X	X
DISKO IS	LSD	68 41.7	52 47.5	76 9 21	76 9 23		10	30	100	AAND		X	X
DISKO IS	LSD	68 41.7	52 47.5	76 9 21	76 9 23		10	94	100	AAND		X	X
DISKO IS	618	68 .0	55 20.0	76 6 30	76 7 29		10	30	68	AAND		X	X
DISKO IS	618	68 .0	55 20.0	76 6 30	76 7 29		10	60	68	AAND		X	X
DISKO IS	618	68 .0	55 20.0	76 7 29	76 9 2		10	30	68	AAND		X	X
DISKO IS	618	68 .0	55 20.0	76 7 29	76 9 2		10	60	68	AAND		X	X

CURRENT METER DATA SET NUMBER: 77-0027
YEAR:1977 VESSEL/AGENCY: GREENLAND TECH. ORG.

AREA	STN	LAT	LON	START	STOP	EFF	DT	DEPTHS		INST	ADDIT SENSOR		
		DEG MIN	DEG MIN	YR MO DY	YR MO DY	LEN	MN	INSTR	WATER	TYPE	P	T	C
DISKO IS	H7	69 14.0	53 59.0	77 8 4	77 8 14		10	90	200	AAND		X	X
DISKO IS	H7	69 14.0	53 59.0	77 8 4	77 8 14		10	150	200	AAND		X	X
DISKO IS	H5	69 11.5	53 29.5	77 8 5	77 8 17		10	20	350	AAND		X	X
DISKO IS	H5	69 11.5	53 29.5	77 8 5	77 8 17		10	150	350	AAND		X	X

DISKO IS	H5	69	11.5	53	29.5	77	8	5	77	8	17	10	290	350	AAND	X	X
DISKO IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	30	400	AAND	X	X
DISKO IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	160	400	AAND	X	X
DISKO IS	H3	69	7.0	53	30.0	77	8	5	77	8	16	10	300	400	AAND	X	X
DISKO IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	25	575	AAND	X	X
DISKO IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	195	575	AAND	X	X
DISKO IS	H6	69	.0	53	38.0	77	8	1	77	8	16	10	195	395	AAND	X	X
DISKO IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	30	160	AAND	X	X
DISKO IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	60	160	AAND	X	X
DISKO IS	H6A	69	.0	53	51.0	77	8	8	77	8	14	10	100	160	AAND	X	X
DISKO IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	30	600	AAND	X	X
DISKO IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	200	600	AAND	X	X
DISKO IS	H8A	68	38.0	54	4.0	77	7	12	77	8	1	10	400	600	AAND	X	X
DISKO IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	25	595	AAND	X	X
DISKO IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	195	595	AAND	X	X
DISKO IS	H8B	68	38.0	54	4.0	77	8	1	77	8	18	10	395	595	AAND	X	X
DISKO IS	H9A	68	25.0	55	45.0	77	6	28	77	7	22	10	200	540	AAND	X	X
DISKO IS	H9A	68	25.0	55	45.0	77	6	28	77	7	22	10	400	540	AAND	X	X
DISKO IS	H9A	68	25.0	55	45.0	77	6	28	77	7	23	10	30	540	AAND	X	X
DISKO IS	H7A	68	25.0	55	45.0	77	6	28	77	7	23	10	30	540	AAND	X	X
DISKO IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	40	540	AAND	X	X
DISKO IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	210	540	AAND	X	X
DISKO IS	H9B	68	25.0	55	45.0	77	7	23	77	7	31	10	410	540	AAND	X	X
DISKO IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	30	400	AAND	X	X
DISKO IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	160	400	AAND	X	X
DISKO IS	T3	68	18.0	55	15.0	77	7	15	77	8	4	10	300	400	AAND	X	X
DISKO IS	T4	68	18.0	55	25.0	77	7	15	77	8	4	10	81	465	AAND	X	X
DISKO IS	T4	68	18.0	55	25.0	77	7	15	77	8	4	10	191	465	AAND	X	X
DISKO IS	T4	68	18.0	55	25.0	77	7	17	77	8	4	10	301	465	AAND	X	X
DISKO IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	30	360	AAND	X	X
DISKO IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	160	360	AAND	X	X
DISKO IS	T1	68	15.5	55	27.0	77	7	14	77	8	4	10	300	360	AAND	X	X
DISKO IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	25	145	AAND	X	X
DISKO IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	65	145	AAND	X	X
DISKO IS	T2	68	13.0	55	15.0	77	7	14	77	8	4	10	105	145	AAND	X	X
DISKO IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	30	400	AAND	X	X
DISKO IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	160	400	AAND	X	X
DISKO IS	H10	68	12.0	57	18.0	77	8	19	77	9	11	10	300	400	AAND	X	X

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CURRENT METER DATA SET NUMBER:  78-0005
YEAR:1978     VESSEL/AGENCY:  THERON

   AREA       STN    LAT      LON        START      STOP      EFF  DT    DEPTHS     INST ADDIT
                  DEG MIN  DEG MIN    YR MO DY  YR MO DY   LEN  MN INSTR WATER TYPE SENSOR
                                                                                    P T C

               1    74 35.9  79 28.6   78  8  4  78  9 19   45  10   35   473  AAND X X X
               1    74 35.9  79 28.6   78  8  4  78  9 18   45  10  250   473  AAND X X X
               1    74 35.9  79 28.6   78  8  4  78  9 18   45  10  400   473  AAND X X X
               2    74 54.9  78 41.3   78  8  2  78  9 29   57  10   35   469  AAND X X X
               2    74 54.9  78 41.3   78  8  2  78  9 29   57  10  125   469  AAND X X X
               2    74 54.9  78 41.3   78  8  2  78  9 29   57  10  250   469  AAND X X X
               3    74 55.6  76 53.5   78  8  2  78  9 29   50  10  250   352  AAND X X X
               7    74  6.8  78 29.4   78  8  1  78  9 16   46  10   35   837  AAND X X X
               7    74  6.8  78 29.4   78  8  1  78  9 16   46  10  250   837  AAND X X X
               7    74  6.8  78 29.4   78  8  1  78  9 16   45  10  500   837  AAND X X X
               8    73 42.3  78 11.3   78  7 31  78  9 28   45  10   83   914  AAND X X X
               8    73 42.3  78 11.3   78  7 31  78  9 28   58  10  300   914  AAND X X X
               8    73 42.3  78 11.3   78  7 31  78  9 28   59  10  550   914  AAND X X X
               9    74  7.4  77 25.4   78  8  1  78  9 28   58  10   35   833  AAND X X X
               9    74  7.4  77 25.4   78  8  1  78  9 28    0  10  125   833  AAND X X X
               9    74  7.4  77 25.4   78  8  1  78  9 28   58  10  250   833  AAND X X X
               9    74  7.4  77 25.4   78  8  1  78  9 29   48  10  500   833  AAND X X X
               9    74  7.4  77 25.4   78  8  1  78  9 28   58  10  750   833  AAND X X X
              10    74 30.8  77 18.8   78  8  2  78  9 29   58  10   35   581  AAND X X X
              10    74 30.8  77 18.8   78  8  2  78  9 29   58  10  250   581  AAND X X X
              10    74 30.8  77 18.8   78  8  2  78  9 29   56  10  500   581  AAND X X X
              11    72 22.8  74  3.9   78  8 10  78 10  3   53  10   35   158  AAND X X X
              11    72 22.8  74  3.9   78  8 10  78 10  3   47  10  125   158  AAND X X X
              13    72 30.7  72 45.7   78  8 11  78 10  4   54  10   35   872  AAND X X X
              13    72 30.7  72 45.7   78  8 11  78 10  4   54  10  250   872  AAND X X X
              13    72 30.7  72 45.7   78  8 11  78 10  4   54  10  500   872  AAND X X X
```

```
            13    72 30.7  72 45.7     78  8 11 78 10  4   0  10  750   872  AAND X X X
            14    71 39.8  71  8.6     78  8 14 78 10  5  46  10   35   260  AAND X X X
            14    71 39.8  71  8.6     78  8 14 78 10  5  52  10  125   260  AAND X X X
            15    71 45.1  70 49.2     78  8 14 78 10  4  51  10   35   722  AAND X X X
            15    71 45.1  70 49.2     78  8 14 78 10  4  51  10  250   722  AAND X X X
            15    71 45.1  70 49.2     78  8 14 78 10  4  51  10  500   722  AAND X X X

----------------------------------------------------------------------------------------------

CURRENT METER DATA SET NUMBER:  78-0023
YEAR:1978     VESSEL/AGENCY:

  AREA        STN   LAT     LON         START     STOP    EFF DT    DEPTHS     INST ADDIT
                  DEG MIN  DEG MIN     YR MO DY YR MO DY  LEN MN  INSTR WATER  TYPE SENSOR
                                                                                     P T C

DISKO IS      64    68   .6  56 46.2   78  8  8 78  9  9  32  10   30   200        X X X
DISKO IS      64    68   .6  56 46.2   78  8  8 78  9  9  32  10  100   200        X X X

----------------------------------------------------------------------------------------------

CURRENT METER DATA SET NUMBER:  78-0024
YEAR:1978     VESSEL/AGENCY:  THERON

  AREA        STN   LAT     LON         START     STOP    EFF DT    DEPTHS     INST ADDIT
                  DEG MIN  DEG MIN     YR MO DY YR MO DY  LEN MN  INSTR WATER  TYPE SENSOR
                                                                                     P T C

             1    74 34.9  79 24.1     78  9 22 79  7 21    5  60   35   560  AAND X X X
             1    74 34.9  79 24.1     78  9 22 79  7 21  302  60  250   560  AAND X X X
             1    74 34.9  79 24.1     78  9 22 79  7 21  302  60  400   560  AAND X X X
```

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
	2	74 54.6	78 43.8	78	9	30	79	7	21	294	60	35	456	AAND	X	X	X
	2	74 54.6	78 43.8	78	9	30	79	7	21	294	60	125	456	AAND	X	X	X
	2	74 54.6	78 43.8	78	9	30	79	7	21	294	60	250	456	AAND		X	X
	8A	73 44.7	78 46.9	78	9	28	79	7	28	303	60	35	878	AAND	X	X	X
	8A	73 44.7	78 46.9	78	9	28	79	7	28	303	60	250	878	AAND	X	X	X
	8A	73 44.7	78 46.9	78	9	28	79	7	28	303	60	500	878	AAND	X	X	X
	10	74 31.1	77 17.9	78	9	29	79	7	21	3	60	35	570	AAND	X	X	X
	10	74 31.1	77 17.9	78	9	29	79	7	21	295	60	250	570	AAND	X	X	X
	10	74 31.1	77 17.9	78	9	29	79	7	21	295	60	500	570	AAND	X	X	X
	13	72 28.7	72 40.0	78	10	3	79	8	8	309	60	35	889	AAND	X	X	X
	13	72 28.7	72 40.0	78	10	3	79	8	8	309	60	250	889	AAND	X	X	X
	13	72 28.7	72 40.0	78	10	3	79	8	8	309	60	500	889	AAND		X	X
	13	72 28.7	72 40.0	78	10	3	79	8	8	309	60	750	889	AAND	X	X	X

CURRENT METER DATA SET NUMBER: 79-0011
YEAR:1979 VESSEL/AGENCY: THERON

AREA	STN	LAT DEG MIN	LON DEG MIN	START YR	START MO	START DY	STOP YR	STOP MO	STOP DY	EFF LEN	DT MN	DEPTHS INSTR	DEPTHS WATER	INST TYPE	ADDIT SENSOR P	T	C
	A	75 41.8	77 51.8	79	7	25	79	9	24	61	10	35	313	AAND		X	
	A	75 41.8	77 51.8	79	7	25	79	9	24	61	10	125	313	AAND	X		X
	A	75 41.8	77 51.8	79	7	25	79	9	24	61	10	250	313	AAND	X	X	X
	B	75 26.3	76 20.6	79	7	26	79	9	26	62	10	35	356	AAND	X	X	X
	B	75 26.3	76 20.6	79	7	26	79	9	26	62	10	125	356	AAND	X	X	X
	B	75 26.3	76 20.6	79	7	26	79	9	26	62	10	125	356	AAND	X	X	X
	C	74 59.6	79 8.9	79	7	25	79	9	19	56	10	35	518	AAND	X	X	X
	C	74 59.6	79 8.9	79	7	25	79	9	19	47	10	125	518	AAND	X	X	X
	C	74 59.6	79 8.9	79	7	25	79	9	19	56	10	250	518	AAND	X	X	X
	C	74 59.6	79 8.9	79	7	25	79	9	19	56	10	450	518	AAND	X	X	X
	D	74 59.5	78 29.1	79	7	24	79	9	25	63	10	35	420	AAND	X	X	X
	D	74 58.5	78 29.1	79	7	24	79	9	25	63	10	125	420	AAND	X	X	X

```
             D      74 58.5  78 29.1    79  7 24 79  9 25  63  10   250    420  AAND X X X
             E      74 58.9  77 51.6    79  7 24 79  9 25  63  10    35    331  AAND X X X
             E      74 58.9  77 51.6    79  7 24 79  9 25  10  10   250    331  AAND X X X
             F      74 29.5  79 11.4    79  8  4 79  9 19  46  10   125    635  AAND   X
             N      74  2.5  78 12.1    79  8  4 79  9 27  54  10    35    850  AAND X X X
             N      74  2.5  78 12.1    79  8  4 79  9 27  54  10   250    850  AAND   X

------------------------------------------------------------------------------------------

CURRENT METER DATA SET NUMBER:  80-0008
YEAR:1980     VESSEL/AGENCY:  POLAR HAV

    AREA     STN     LAT      LON        START     STOP     EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                  P T C

             2      74 58.1  78 50.0    80  8  4 80 10  4  61  10    35    500  AAND X X X
             2      74 58.1  78 50.0    80  8  4 80 10  4  61  10   125    500  AAND X X X
             2      74 58.1  78 50.0    80  8  4 80 10  4  61  10   250    500  AAND X X X
             3      74 57.6  78 10.5    80  8  4 80 10  3  60  10    35    393  AAND X X X
             3      74 57.6  78 10.5    80  8  4 80 10  3  60  10   125    393  AAND X X X
             3      74 57.6  78 10.5    80  8  4 80 10  3  60  10   250    393  AAND X X X
             4      75 23.8  78 33.0    80  8  5 80 10  4  60  10    35    561  AAND X X X
             4      75 23.8  78 33.0    80  8  5 80 10  4  60  10   125    561  AAND X X X
             4      75 23.8  78 33.0    80  8  5 80 10  4  60  10   250    561  AAND X X X
```

11.3 WATER LEVEL DATA

The listings contain the following information:

AREA	Area
STN	Station number; generally as assigned by the originating agency.
LAT, LONG	In degrees and minutes.
START/STOP	Year, month and day instrument recorded over.
EFF LEN	Effective record length.
DT (MN)	Sampling rate in minutes.
INST & WATER DPTH	In metres.
INSTR TYPE	STAF - Tide staff AAND - Aanderaa AMS - Applied Microsystems OTT - Ott gauge, either float or poteniometric
ADDIT SENSOR	Parameters measured qualified by: X - measurements of this parameter were made CA - possible calibration problems S - suspect readings C - constant readings O - zero or obviously bad readings

Blank entries indicate unavailable or unappropriate data.
? signifies data which are either unknown or may be suspect. For example,a location which plots on land.

```
------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  37-0003
YEAR:1937     VESSEL/AGENCY:  BR.ARCTIC EXP.

   AREA       STN    LAT      LON        START     STOP    EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                   P T C

 THULE               76 30.0  69   .0    37  1  1 37  1  1  30

------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  48-0004
YEAR:1948     VESSEL/AGENCY:

   AREA       STN    LAT      LON        START     STOP    EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                   P T C

 ECLIPSE SD   5790   72  6.0  80 47.0    48  8  1 48  8 31
 POND INLET   5810   72 35.0  76  5.0    48  8  1 48  8 31

------------------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  48-0005
YEAR:1948      VESSEL/AGENCY:

    AREA         STN    LAT        LON           START       STOP     EFF DT     DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN       YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                            P T C

  BAFFIN BAY    3920  72   .0  76   .0      48  8  1 48  8 31
  BAFFIN BAY    3910  72 45.0  76   .0      48  8  1 48  9 30

--------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  58-0002
YEAR:1958      VESSEL/AGENCY:

    AREA         STN    LAT        LON           START       STOP     EFF DT     DEPTHS    INST ADDIT
                     DEG MIN  DEG MIN       YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                            P T C

                3960  68 23.0  66 45.0      58  7  1 58  8 31
```

```
--------------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  61-0013
YEAR:1961     VESSEL/AGENCY:

   AREA         STN    LAT      LON         START      STOP     EFF DT     DEPTHS     INST ADDIT
                     DEG MIN  DEG MIN     YR MO DY YR MO DY   LEN MN  INSTR WATER  TYPE SENSOR
                                                                                         P T C

  JONES SD      6560  75 43.0  84 26.0     61  5  1 61  6 30

--------------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  62-0012
YEAR:1962     VESSEL/AGENCY:

   AREA         STN    LAT      LON         START      STOP     EFF DT     DEPTHS     INST ADDIT
                     DEG MIN  DEG MIN     YR MO DY YR MO DY   LEN MN  INSTR WATER  TYPE SENSOR
                                                                                         P T C

  SMITH SD      3840  78 40.0  74 10.0     62  8  1 62  9 30
```

```
-----------------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  66-0009
YEAR:1966     VESSEL/AGENCY:

   AREA          STN    LAT       LON         START      STOP     EFF DT     DEPTHS    INST ADDIT
                      DEG MIN   DEG MIN     YR MO DY  YR MO DY   LEN MN  INSTR WATER  TYPE SENSOR
                                                                                           P T C

  ECLIPSE SD    5795   72 35.0   80 30.0     66  7  1 66  9 30

-----------------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  70-0012
YEAR:1970     VESSEL/AGENCY:

   AREA          STN    LAT       LON         START      STOP     EFF DT     DEPTHS    INST ADDIT
                      DEG MIN   DEG MIN     YR MO DY  YR MO DY   LEN MN  INSTR WATER  TYPE SENSOR
                                                                                           P T C

  HOME BAY      3960   68 23.0   66 45.0     70  7  1 70  8 31
```

```
------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  71-0012
YEAR:1971     VESSEL/AGENCY:  FIXED STATIONS

    AREA         STN     LAT       LON        START      STOP     EFF DT     DEPTHS    INST ADDIT
                       DEG MIN   DEG MIN    YR MO DY YR MO DY  LEN MN  INSTR WATER  TYPE SENSOR
                                                                                          P T C
 ROBESON CH     3785   82  1.0   62 32.0    71  7  1 71  8 31
 ROBESON CH     3782   82  7.0   62  4.0    71  5  1 71  6 30
------------------------------------------------------------------------------------------------

------------------------------------------------------------------------------------------------
WATER LEVEL DATA SET NUMBER:  72-0013
YEAR:1972     VESSEL/AGENCY:

    AREA        STN     LAT       LON        START      STOP     EFF DT     DEPTHS    INST ADDIT
                      DEG MIN   DEG MIN    YR MO DY YR MO DY  LEN MN  INSTR WATER  TYPE SENSOR
                                                                                         P T C
 CLYDE INLET   3940   70 28.0   68 34.0    72  3  1 72  6 30

------------------------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  75-0034B
YEAR:1975     VESSEL/AGENCY:

   AREA        STN    LAT     LON        START     STOP    EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                   P T C

  ROBESON CH   3788  81 47.0  64 10.0    75  4  1 75  6 30
  ROBESON CH   3790  81 58.0  60   .0    75  4  1 75  7 31
  ROBESON CH   3782  82  7.0  62  4.0    75  4  1 75  5 31
  KENNEDY CH   3800  81 14.0  65 43.0    75  5  1 75  6 30

--------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  75-0035
YEAR:1975     VESSEL/AGENCY:

   AREA        STN    LAT     LON        START     STOP    EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY  LEN MN INSTR WATER  TYPE SENSOR
                                                                                   P T C

  CLYDE INLET  3940  70 28.0  68 34.0    75  1  1 75  2 28

--------------------------------------------------------------------------------------------------
```

```
--------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  75-0037
YEAR:1975     VESSEL/AGENCY:  GREENLAND TECH. ORG.

  AREA        STN    LAT      LON        START      STOP     EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY   LEN MN INSTR WATER  TYPE SENSOR
                                                                                     P T C

             GODH  69 15.0  53 33.0    75  7 15 75  9 29       60                OTT
             JACO  69 13.5  51  6.5    75  7 12 75 10  7       60                OTT
             CHRI  68 49.0  51 11.5    75  7 12 75 10 29       60                OTT
             EGED  68 42.5  52 51.0    75  7  1 75 10  1       60                OTT

--------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  76-0024
YEAR:1976     VESSEL/AGENCY:  GREENLAND TECH. ORG.

  AREA        STN    LAT      LON        START      STOP     EFF DT    DEPTHS    INST ADDIT
                   DEG MIN  DEG MIN    YR MO DY YR MO DY   LEN MN INSTR WATER  TYPE SENSOR
                                                                                     P T C

             RITE  69 46.0  51 18.5    76  7 11 76  9 17       60                OTT
             GODH  69 15.0  53 33.0    76  7  9 76 10 15       60                OTT
             JAKO  69 13.5  51  6.5    76  7 13 76 10 29       60                OTT
             CHRI  68 49.0  51 11.5    76  8  5 76  9 18       60                OTT
             EGED  68 42.5  52 51.0    76  6 29 76  9 29       60                OTT

--------------------------------------------------------------------------------------------
```

```
----------------------------------------------------------------------------------------------------------------

WATER LEVEL DATA SET NUMBER:  81-0019
YEAR:1981     VESSEL/AGENCY:

    AREA        STN    LAT      LON           START     STOP     EFF DT    DEPTHS    INST ADDIT
                    DEG MIN  DEG MIN      YR MO DY YR MO DY  LEN MN INSTR WATER TYPE SENSOR
                                                                                      P T C

  JONES SD     4070  76 25.0  89  1.8      81  3  4 81  4 19

----------------------------------------------------------------------------------------------------------------
```

12. MISCELLANEOUS DATA SETS

Listed below are data sets for which the available documentation was insufficient to allow proper compilation. In most cases the quoted sources mentioned measurements as having been taken, but failed to provide positions, dates, and particulars.

1898-1902 2nd Norwegian Expedition

During these five years at the turn of the century, the second Norwegian Arctic Expedition, using the Fram, took biological samples as well as surface temperatures in the region of Jones Sound. The data are mentioned by Collin (1960) but no specifics are available.

1909, 1932, 1938 & 1939 Lichtenaufjord

Temperature profiles reported in Hansen (1940) and Dunbar (1946). Data in same years near Julianehaab.

1929 & 1931-1932 Wegener Expedition

Data in the Umanak district of west Greenland (Loewe, 1933, 1934, and 1935).

1940 Morrissey (Set ID 40-0003)

Surface temperatures and drift bottle releases were made as far north as 80°22' latitude (Nutt, 1941).

1947 Edisto (Set ID 47-0001)

As part of Task Force 68, in 1947, members of the U.S.S. Edisto used Nansen bottles, reversing thermometers, and BT's in Baffin Bay, including Smith and Jones Sounds. The data are not available at this time.

1954 Staten Island (Set ID 54-0008)

Redfield et al. (1969) reported one station (#2) in Eclipse Sound from this cruise. It is probable that other stations were occupied.

1959-1960 Disko Bay

Temperature and salinity data were collected but the reference by Petersen (1964) does not specify details.

1959-1960 Thule Harbour (Set ID 59-0008)

Temperature and salinity data were collected (Senior, 1961).

196?

Berthois (1966) reported measurements of pH, chlorinity, dissolved oxygen, and sediment at Kangerluqssua fjord. However, he does not give the year, let alone dates, locations, ...

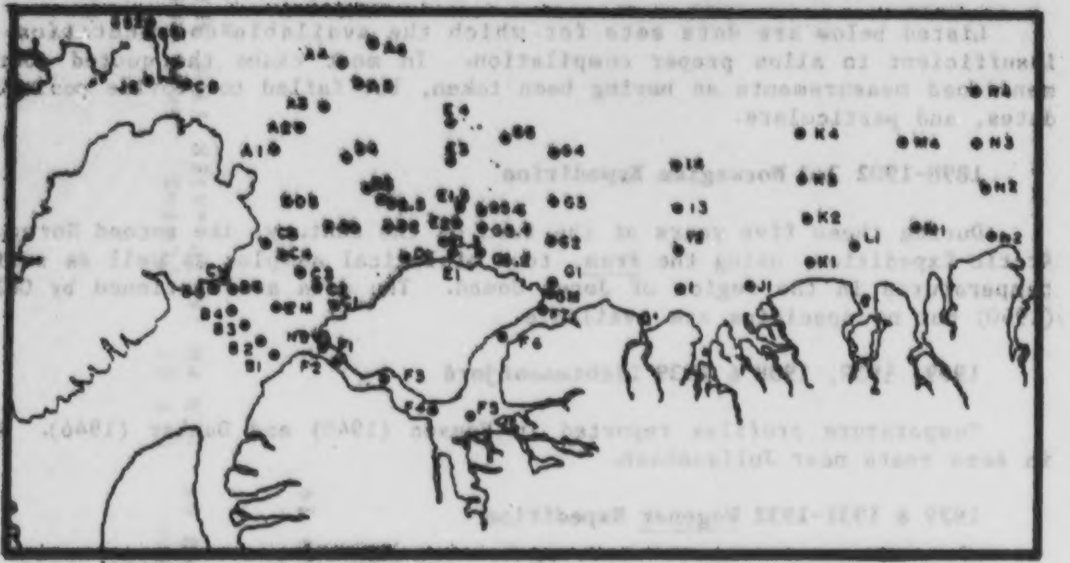
AA
A6
B8
C8
A3
A2
A1
F4
F3
K4
N4
N3
N2
K2
N1
K1
L1
J1
I3
G1
G2
G5
G4
C3
B4
B3
B2
B1
F2
F3
F6

Figure 18: Locations of current profiling stations in 1978 (Fissel and Birch, 1980).

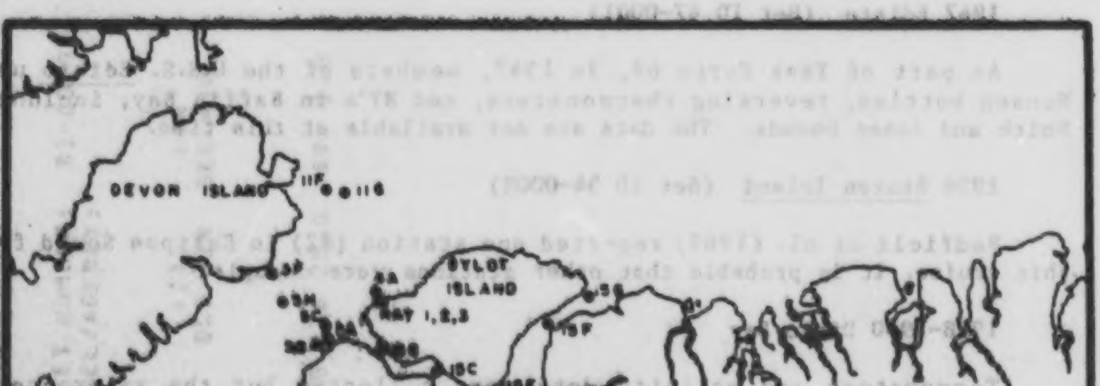
DEVON ISLAND
11F
11G
BYLOT ISLAND
BA
RAT 1,2,3
13F
13C
13E
13D

Figure 19: Locations of current profiling stations in 1979 (Fissel and Birch, 1980).

1972-1974 Marmorilik Fjord

Danish Hydraulic Inst. (1979b, p. 44-45) mentions data having been collected, but provides no details. Danish consultants have been collecting hydrographic data at the fjord for Greenex, a subsidiary of Cominco (A. Bohn, personal communication).

1977

Four additional stations as part of 77-0029 data set, not yet reported.

1980 BIOS (Set ID 80-0012)

This was the first year of a two-year study concentrated around Cape Hatt (approximately 72°30'N, 79°50'N) in Eclipse Sound. The processing of the data has not been completed. Below is an outline of the data that was collected:

Water level:	Two AMS TG-12 gauges. Period June 20-October 1. Ten minute samples of pressure and temperature.
Sub-surface currents:	Aanderaa meters at three sites, max. 77 m depth. June 14-November 5.
Surface currents:	Radar-tracked drogues. August 30-September 7.
Temperature-salinity:	AMS CTD-12. June 11-22, 41 casts and August 15-September 13, 64 casts.

1981 BIOS

The second year of data is also presently being processed and includes:

Water level:	AMS TG-12 gauge. August 10-30.
Sub-surface currents:	One mooring, Aanderaa RCM-4's, August 7-30.
Temperature-salinity:	AMS CTD-12. August 6-29, 84 casts.

Current Profiles/Iceberg Tracking

(Set IDs 78-0005 and 79-0011)

In 1978 and 1979 Arctic Sciences Ltd. made current profile measurements and tracked icebergs as part of the EAMES study for Petro-Canada (data sets 78-0005D and 79-0011D). The current profile data (1978 and 1979) centered around the entrance to Lancaster Sound and the station positions are plotted in Figures 18 and 19. An Endeco direct reading current meter was used with estimated accuracies of ±8 cm/s and ±30 degrees. Whenever possible, measured ship drift was used to compute absolute velocities (Fissel and Birch, 1980).

The 78-0005 and 78-0011 data sets also included iceberg drift measurements. The geographical limits of these data included most of western Baffin Bay. Ten icebergs were tracked in 1978 and another ten in 1979. Their movements extended from east of Devon Island along the Baffin Island coast and into the Labrador Sea (Fissel, 1980; Marko et al., 1982).

Set ID 76-0027

As part of the North Water Project current profiles were collected, some of which extended over a full tidal cycle (Ito, 1981). Muller (1976) reports current profile data for 1975 as well.

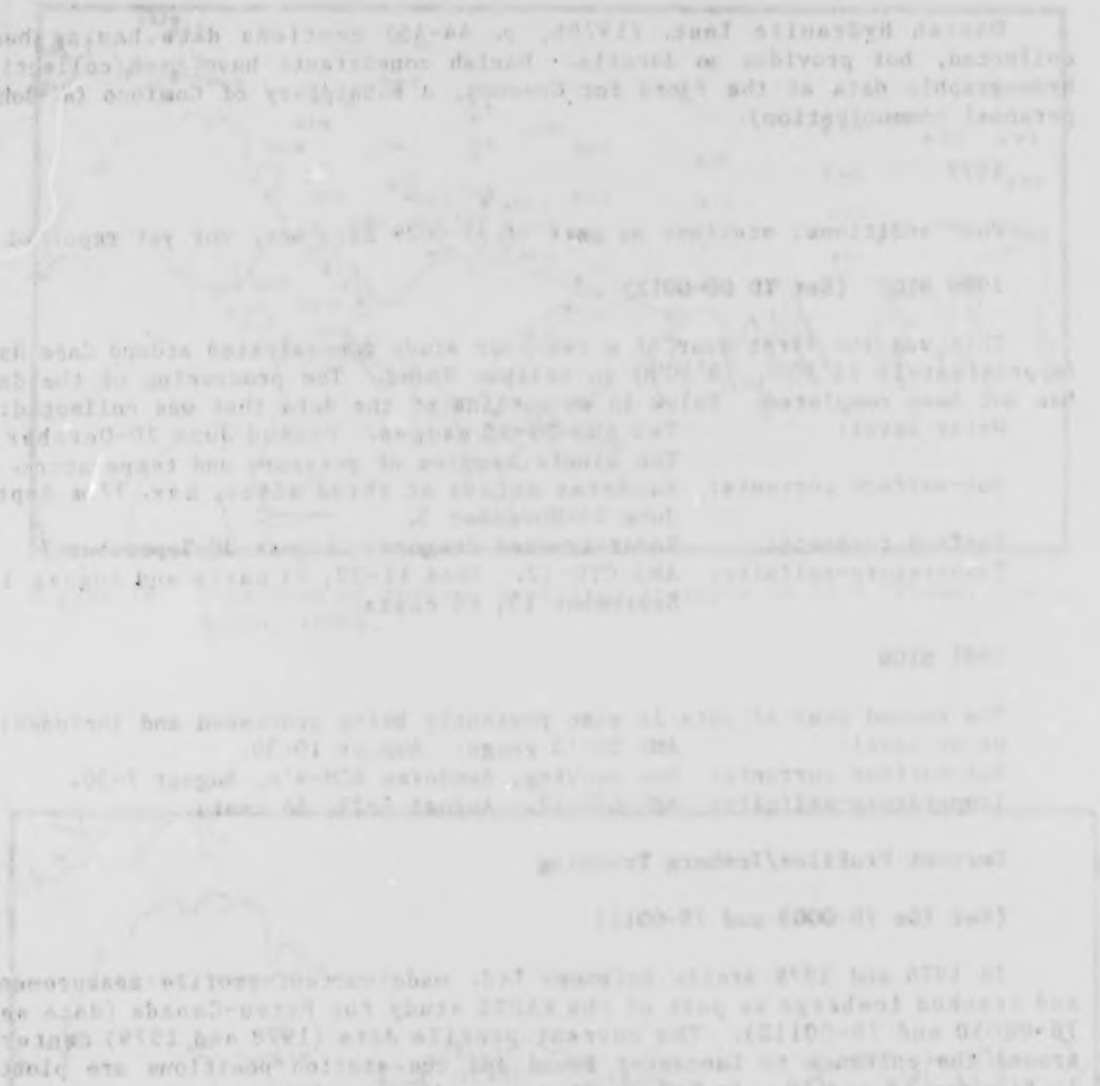

Figure 19: Locations of current profiling stations in 1978 (Fissel and

APPENDIX 1

REMARKS - METHODS, PROBLEMS AND ERRORS BY DATA SET NUMBER

16-0001

Dr. Th. Wulff used a reversing water bottle (Model·Laboratoire Hydrographique) and two reversing thermometers (Knudsen, 1923). The water samples were titrated for salinity at the Hydrographical Laboratory (Copenhagen?).

24-0001

The report describing this work (Martens,1929) was unavailable.

25-0001

The report describing this work (Baggesgaard-Rasmussen, 1930) was unavailable.

28-0001

Water samples were collected using both Knudsen and Nansen reversing water bottles (tinned inside and out), having reversing thermometers attached. The thermometers were allowed to equilibrate at depth for at least 5 minutes before being tripped. Water samples were drawn off for hydrogen ion, oxygen, and chlorine determination. Most titrations were done on board but some were carried out at the Hydrographical Laboratory in Copenhagen. Salinity was calculated using Knudsen's tables.

Comparison of paired thermometer readings gave a value of 0.016°C for the mean of the mean deviations. No accuracy was given for salinity.

One Jacobsen libelle current meter and three Marx and Berndt current meters were taken on board. Two sets of current measurements were taken in Baffin Bay while the vessel was anchored (Riis-Carstensen, 1936, p. 18). At station 50 (69°44.4'N, 57°22'W), in 250 m depth, one series of current measurements was taken. At station 102 (77°34.3' N, 74°32'W), in 600 m water, six series of measurements were taken over a period of about 7 hours. According to Riis-Carstensen,

> "... all three Marx and Berndt current meters were put out, one under the meter wheel on the portside, and 2 aft of which latter one measured the surface current. One of the wires aft was carried through the recorder of the libelle current meter. The reading of the compass and the declination of the libelle current meter were recorded every minute while the measurements were going on to compute the possible movements of the ship during the said period."

At station 102, it was found difficult to obtain readings at depth. It was believed the cold water seized up a part of the mechanism which was lubricated. Anchoring time was shortened due to the wire cutting into the hawse hole and mooring jaws. Riis-Carstensen (1936, p. 19-20) presented the results for station 102.

Twenty-nine drift bottles were released and only one was ever found. It was released on October 7, 1928 and 60°18'N, 52°00'W and on August 4, 1930 it was found at Eoligarry, Isle of Barra, Scotland. A sample bottle, fouled with ash, was thrown overboard on September 18, 1928 near 66°16'N/59°38'W and it was found May 10, 1930 at the "Sandsoer" at Gimsoystraumen, Lofoten, Norway.

28-0002 Marion

Greene-Bigelow reversing water bottles were used and Smith et al. (1937) noted that they were not in good shape and often malfunctioned. Depths were obtained by measuring wire out and wire angle.

Reversing thermometers recorded temperature, accurate to 0.03°C. The temperatures at station 1016 near Cape Dyer dropped to a minimum at 60 m, then increased to bottom. This was considered erroneous and corrections were made based on data from nearby stations occupied by the Godthaab and Michael Sars.

Conductivity of the water samples was measured using salinometers constructed and calibrated by the U.S. Bureau of Standards. The resulting computed salinities were believed precise to 0.02°/oo.

30-0001 Ville d'Ys

In the 1930's French vessels, primarily the Ville d'Ys, made hydrographic surveys in the Davis Strait area. In 1930 only one station was in the Baffin Basin study area (north of 68° latitude). At this station temperature was measured to at least 50 m depth but Beaugé (1931) does not specify the method used. Beaugé does not indicate salinity measurements at this station, although the Ville d'Ys did obtain salinity data further south in both 1929 and 1931.

31-0001 La Madeleine

In 1931 the French vessel La Madeleine made two stations north of 68° latitude. Beaugé (1932) tabulates temperature data only.

31-0002 St. Jeanne d'Arc

The French ship collected data at one station in this study area. Beauge (1932) tabulates temperature data only; however, in 1929 the same vessel made salinity measurements in the Labrador Sea. Therefore possibly salinity was also measured in 1931.

32-0001 Ville d'Ys

Beaugé (1933) tabulates temperatures collected by this vessel but does not mention any salinity measurements.

32-0002 Victoria

Temperatures to 50 m were measured at one station (Beaugé, 1933). Again no details.

36-0001

Water samples were collected using "closing water bottles", and salinities were determined by titration against silver nitrate using Knudsen burettes (Hartley and Dunbar, 1938).

37-0002

The NODC files list the collecting vessel as the Ville d'Ys (French), but che Conseil. Perm. Bull. Hydr. has the Steady (Danish) as the vessel.

37-0003

As part of the British Arctic Expedition, Hamilton obtained a months tidal record at Thule. No other details were supplied in the account (Polar Record, 1939).

40-0001 Northland

Although the primary report (Barnes, 1941) could not be obtained, the plot of dynamic topography using this data set as well as the 1928 Godthaab data (in Muench, 1971d) shows that the data were analyzed and compared to other data sets resulting in the "3" rating.

40-0002 Shore Based

Reversing bottles and Richter thermometers were used (Dunbar, 1942). Standard Copenhagen water was supplied by Woods Hole Oceanographic Institute.

40-0003 E.M. Morrissey

Captain Bartlett led this expedition to Baffin Bay reaching a latitude of 80°22' in Kennedy Channel. The Polar Record (1941) account provides little detail. Ice conditions reports were forwarded to the U.S. Navy Hydrographic Office; they may have more detailed reports on the data collected, methods used, and station locations.

42-0001, 43-0001

Dunbar (1946) reports temperature data collected in 1942-43 off Godhavn, Upernavik, and Vaigat. The hydrographic apparatus was borrowed from the Danish Arctic Station at Godhavn, and also from the Province of Quebec Dept. of Game and Fisheries (1942). Probably reversing thermometers were used, but Dunbar does not say. Dunbar also states that "salinities are not included in this account". Therefore at least some salinity data were collected, but not reported in the 1946 J.F.R.B. paper.

46-0001 Northwind

In 1946, Lt. James Moreau accompanied US Navy Task Force 68 as oceanographer. He used Nansen reversing bottles and thermometers, as well as BT's, and collected data to a maximum 750m depth. Due to a shortage of bottles, Moreau spread them out, with the result that the upper 125m was sparsely sampled. Metcalf (1949) reported Moreau's data along with the 1948 Eastwind results, but did not estimate any accuracies.

47-0001 Edisto

No information available.

48-0001 Eastwind

Nineteen hydrographic stations were made using Nansen bottles and reversing thermometers. BT's were lowered as well. Data was collected to 122m but concentrated in the upper layer. Metcalf (1949) provided no estimates of accuracy or precision.

48-0003 Heimdal, Steenstrup

The Conseil. Perm. Bull. Hydr. (1952) lists two vessels for this data set, although in the NODC data bank they have been combined under one number (#50295).

48-0004

Data filed with MEDS, but not supporting information on methods or accuracies. The data may also be stored at NODC.

48-0005

See 48-0004.

49-0002

Data filed at NODC, no supporting information available.

49-0003

The station information was reported in the Conseil Perm. Bull. Hydr. series and is stored at NODC; no supporting information (methods, accuracies) available.

50-0002 Edisto

The data and cruise summary are presented in the U.S. Hydrographic Office report (1954a). Depths were determined from the thermometer readings, checked against the meter wheel when wire angles were low. Oxygen analyses were done on board. The report does not elaborate on the T/S measurement techniques.

50-0003

See 49-0003.

50-0004

The station information was reported in the Conseil Perm. Bull. Hydr. series, however, no details on methods or accuracies were available.

50-0005

See 50-0004.

51-0005

See 49-0003.

51-0006 Edisto

The data are reported in U.S. Hydrographic Office (1954a), but no details of methods or accuracies are provided.

52-0003 Edisto

See 51-0006. The U.S.H.O. (1954a) reports that surface current observations were made and "At Bridport Inlet, Jones Sound, and Lancaster Sound, the surface current generally flows from west to east at an average speeds of 3 knots."

52-0005 Dana

See 49-0003.

52-0006 Atka

This cruise concentrated on the Labrador Sea/Davis Strait area, but 5 stations (31-35) were occupied in Baffin Bay, and 5 in Smith Sound. No details on measurement methods and accuracies are provided in the cruise report (U.S.H.O. 1954a).

52-0007 L'Aventure

See 50-0004.

53-0005 Dana

See 49-0003.

53-0006 Atka

The data are presented in a cruise report (U.S.H.O. 1954b) but no mention of methods or accuracies is given.

53-0007 Atka

See 53-0006. Salinity and dissolved oxygen were determined on board ship. Visual observations of currents were made.

53-0008 Pursuit

See 49-0002.

53-0009

One station reported by Tapager (1955) is apparently related to the Atka cruise (ID 53-0007) and the 53-0010 data set.

53-0010

As part of a US Navy study of sea ice, temperature and salinity data were collected in North Star Bugt and Wolstenholme Fjord, near Thule. McGough (1956) reports the data but does not provide the instrument type or accuracy.

53-0011 L'Aventure

See 50-0004.

53-0012 Adolf Jensen

See 50-0004.

54-0001 Labrador

Bailey (1957) provides a very brief account of the cruise. No details on methods or accuracy are provided, however, he does indicate that the data were analyzed and compared with other data from the same area.

54-0006 Dana

See 49-0003.

54-0007 Atka

See 49-0002. The U.S. Hydrographic Office report (15047-31) was unavailable, possibly still classified.

54-0008 Staten Island

Redfield and Friedman (1969) used salinity and deuterium data from station 2 (in Eclipse Sound) of this cruise. No details on the measurement methods were provided. No other documentation has been found; it is suspected that other stations were occupied.

54-0009

These data are stored at MEDS. Their files have the start/stop dates, spanning the period 05/28/1954-07/29/1955. It seems that the 1954 data were collected further west, outside the Baffin Basin, since only data collected in 1955 appears in this area.

55-0004 **Dana**

See 49-0003.

55-0005 **Atka**

See 49-0002.

55-0006 **Anton Dohrn**

See 50-0004.

55-0007

T/S data were collected using reversing bottles and thermometers. Air temperatures were often below the -5°C minimum temperature of the auxiliary thermometer and Ellis (1956) considered the values accurate to only 0.05°C. Salinities were measured at one of the stations in Eclipse Sound using a hydrometer, accurate to ±0.2°/oo. Freezing of some water samples occurred and the data was not reported.

56-0003 **Labrador**

See 48-0004.

56-0005 **Dana**

See 49-0003.

56-0006 **Eastwind**

Bottle casts and BT's were used to collect data. No description of methods or accuracies is given in the US Hydrographic Office report (1960).

57-0001 **Spar**

The bulk of the stations were in the Northwest Passage, only station 24 was in Baffin Bay. Bottle casts and reversing thermometers were used. No accuracies are specified in the data report (US Hydro. Office, 1959).

57-0006 **Dana**

See 49-0002.

58-0002

See 48-0004.

58-0003 Dana

The data were reported in the Conseil Perm. ICES Data Lists, and are stored in the NODC data bank. However, no supporting documentation concerning methods and accuracies was found.

58-0004 Westwind

See 49-0002. The reference U.S. Oc. Off. (1963a) was not available.

58-0005 Atka

See 58-0004.

59-0005 Westwind

Nansen bottles and paired reversing thermometers were used to collect T/S data. If the thermometers agreed to within 0.06°C the average was recorded. Conductivity of the samples was measured using a conductivity bridge at NAVOCEANO, about 3 months after the samples had been collected. Each salinity analysis was done twice and values were rejected according to how they fall on a salinity versus depth plot. The US Oceanographic Office reported the data (US Oc. Off., 1963b) but did not provide estimates of precision/accuracy for the salinity data.

59-0006 Dana

The station information was reported in the Conseil. Perm. ICES Data Lists, and is stored at NODC. No supporting information (methods, accuracies) available.

59-0007 Gauss

See 48-0004.

59-0008 (in conjunction with the Westwind cruise)

Senior (1961) reports data taken off DeLong pier (Thule) as part of a U.S. Navy study of the effects of air-bubbling on the retardation of ice growth. T/S data were collected but Senior did not provide details on the methods or accuracy. An attempt was made to transmit current meter data to the Westwind, but the data were either below threshold levels or else unreadable.

60-0005 Labrador

Knudsen bottles and reversing thermometers were used to collected T/S data. Thermometers were read twice independently. Salinity was determined ashore by chemical titration. No water samples were collected at surface at stations 72 to 84, due to a shortage of bottles.

60-0009 Westwind

Hansen bottles and paired reversing thermometers were used. The differences between the two thermometer readings were usually less than 0.04°C and the average was recorded. Salinity was determined about 2 months later using a conductivity bridge. A salinity versus depth plot was used to detect and delete bad values. The data are reported in the U.S. Naval Oceanographic Office IMR Report No. 0-62-63 (1964), but no estimates of salinity precision/accuracy are supplied.

61-0004 Labrador

Knudsen bottles, with paired reversing thermometers were used to collect water samples at standard depths. Salinity was determined in Ottawa using a conductivity salinometer (Cox, 1961) with an extended range bridge. Standard deviation of temperature and salinity was 0.02°C and 0.004°/oo. Three suspect values were noted for station 79.

61-0010 Edisto

The data are stored at NODC; Barber and Huyer (1971) include the stations in an atlas presentation. No details on methods or accuracy available.

61-0011 Dana

See 61-0010.

61-0012 Ice Camp

A small house was set up on the ice in Jones Sound about 3 km from shore, over 80 m of water. The approximate location was 75°45'N, 84°32'W. Water samples were collected using Nansen bottles fitted with a protected reversing thermometer. Salinity was determined by titration at Woods Hole Oceanographic Institution. Apollonio (1963) reported the data but did not estimate precision/accuracy for the temperature and salinity values.

61-0013

The MEDS water level data set (#610001) for Jones Sound is probably part of data set 61-0012.

62-0006 Sir John A. MacDonald

Stations 24-29 of this cruise were located in Jones Sound. Knudsen bottles with paired reversing thermometers were used. Recorded temperatures were the mean of the two readings. Salinities were determined at BIO using a salinometer.

62-0007 Labrador

Both Knudsen and Nansen bottles were used, along with paired reversing thermometers. Salinity was determined at BIO using a NIO salinometer (Cox, 1961). The standard deviation of the salinity values was 0.003°/oo. The cruise report (CODC, 1967a) includes data listings and notes any suspect values.

62-0010 Atka

See 61-0010.

62-0011 Evergreen

See 61-0010.

62-0012

Possibly these water level data were collected during the Sir John A. MacDonald cruise (data set ID 62-0006).

63-0005 Evergreen

Paired reversing thermometers were used to measure temperature. Intercomparison yielded standard deviation and accuracy of 0.009 and ±0.01°C respectively (Franceschetti, 1964). Salinities were measured with a Wenner salinity bridge, standardized with Copenhagen water twice during each 8-12 hour salinity run. The precision and accuracy are believed to be 0.005 and 0.01^{o}/oo. [Two samples, surface samples at stations 8757 and 8758, were analyzed with an inductive salinometer.]

Ten Richardson current meters were deployed at three sites across the narrow section of Smith Sound. The upper meters were at 50 m depth, with the deepest at 350 m. The meters had not been properly serviced and only one provided automatic readout. Two others failed, and the rest of the films had to be read by eye. Four of these had sticking vanes, negating the direction readings. Most of the records required corrections for the timing. The 150 m depth record at mooring 110 had questionable speeds; fouling of the rotor was suspected.

63-0006 Labrador

Nansen reversing bottles, with two thermometers each, were used to collect water samples. Salinity was determined on board using an inductive salinometer. CODC report (1967b) lists the data; standard deviations are given as 0.03°C and 0.003^{o}/oo.

63-0007 Baffin

The cruise was part of the Norwestlant 2 survey and concentrated along the southwestern Greenland coast, south of latitude 68°. Only 2 stations were made in the Baffin Basin study area. Knudsen reversing water bottles (teflon coated inside) were used. Salinity was determined from the conductivity as measured by an inductive salinometer. The CODC report (1968b) states the following standard deviations: 0.02°C, 0.003^{o}/oo, and 0.05 oxygen.

63-0008 Dana

The Dana participated in the Northwestlant 3 survey, mainly south of 68° latitude. Five stations were north of 68° latitude near Disko Bay, and are reported in CODC (1968b). At most stations insulating water bottles were used above 200 m depth, Knudsen bottles at greater depths. Salinity was determined by conductivity salinometer in Copenhagen. Standard deviations were reported to be 0.02°C and 0.003°/oo.

64-0006 Dana

Hermann (1966) presents the results as vertical section plots of temperature and salinity, but provides no details on methods, accuracy, or problems encountered.

64-0007 Labrador

Knudsen bottles were used to collect water samples at standard depths. Salinity was determined at the Bedford Institute of Oceanography using the N.I.O. conductivity bridge no. 3; the standard deviation of determined salinities was 0.003°/oo.

65-0006 A.T. Cameron

See 48-0004.

65-0007 Labrador

CODC (1969a) reports other station data collected during this cruise but not the stations in Baffin Bay (only station 136 of the 126-136 is included). The northern part of this cruise may have been directed by a different agency and possibly reported elsewhere.

65-0008 W. Herwig

The data are stored at MEDS.

66-0004 Edisto

Teflon-lined water sample bottles and paired reversing thermometers were used. Temperatures were compared and some discarded due to erroneous values. The remaining provided a standard deviation of 0.006°C, and were believed (Palfrey and Day, 1968) accurate to ±0.01°C. Salinity was determined by using an RS-7A induction salinometer, following the procedures of Morse (1963). Precision and accuracy were estimated to be ±0.003 and ±0.01°/oo.

66-0007 Blue

See 49-0002.

66-0008 Dana

See 48-0004.

66-0009

See 48-0004. On the Labrador, geophysical work was being carried out in Baffin Bay from August through October (Barrett and Grant, 1966); perhaps personnel from this ship collected the water level data.

67-0002 Labrador

Reversing bottles were used to collect T/S data. Salinities were determined at the Atlantic Oceanographic Laboratory using a salinometer. At Craig Harbor (Jones Sound) and Pond Inlet (Eclipse Sound) current measurements were taken while the ship lay at anchor (Herlinveaux, 1974).

67-0003 Edisto

Hansen casts, with paired reversing thermometers, were used to collect T/S data. The thermometers agreed to 0.03°C or better. Salinity was determined using either on Industrial Instruments Model RS-7A or a Bisset-Berman Model 6220 inductive salinometer. Duplicate analyses were done, or more as required, until the agreement was to within 0.004°. Care was taken in the standardization of the instruments:

> "The salinometers were standardised with standard sea water before each series of determinations. Vials of substandard sea water prepared at NAVOCEANO were analyzed occasionally to ensure quality control, and a sample from a previous series was often included with a more recent series so that the precision of the analyses could be estimated. On the basis of these checks, it is estimated that in most instances the accuracy of the salinity analyses was ±0.01°/oo or better." Ref. from U.S.Oc.Off. (1968).

67-0004 Novorossijsk

See 48-0004.

68-0001 Labrador

Reversing bottles and thermometers were used. Duplicate salinity samples were analyzed at the Pacific Oceanographic Group laboratory, using a conductivity salinometer, Herlinveaux (1970).

68-0003 W. Herwig

One station in Davis Strait; data stored at MEDS.

68-0004 Eastwind

Hansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

68-0005 Eastwind

Temperature data and water samples were collected using Nansen bottles (Moynihan and Tennyson, 1971). Salinity analyses were done on board but the method was not specified.

68-0006 Eastwind

Temperatures, using paired reversing thermometers, generally agreed to 0.06°C or better. Salinity was determined using a Bisset-Berman Model 6220 inductive salinometer. Duplicate analyses were done, and agreements were better than 0.004°/oo. Refer to U.S. Oceanographic Office (1969).

68-0007 Westwind

Two current meter moorings were deployed; each had a Braincon 316 at 100 m and a Geodyne 850-1 at 200 m depths. The actual depths may have differed due to line stretching (Muench, 1971a). The Braincon meters integrated speed and direction over 9-minute intervals (an additional minute was required to advance the film). Avis and Coachman (1971) present the results for the Braincon meters and suggest an accuracy of ±2 cm/sec, ±5°. The Geodyne meters were believed accurate to ±3% of the measured value, and ±20°. No report on the Geodyne data was uncovered; the reader should contact the Department of Oceanography, University of Washington, Seattle.

Oceanographic stations were also conducted (Muench, 1971) using reversing bottles. Temperatures were believed accurate to ±0.02°C. No unprotected thermometers were used; depths were determined from wire angle and wire out. Salinities were determined using a Bisset-Berman 6220 salinometer. A Copenhagen standard was run at least every second station. Values are believed accurate to ±0.02°/oo.

69-0004 Westwind

A Bisset-Berman model 9060 CTD was used to collect T/S data. Twenty Nansen bottle samples, along with reversing thermometers, were used for calibration. It was found that below 50 m the CTD recorded salinities 0.05 to 0.1°/oo too high, the error increasing with depth (Muench, 1971b). No errors were detected in the CTD temperatures. The positions of stations 00A-00D were considered to be less accurate than the others, due to the loss of LORAN coverage. Current meters were moored September 20-21 and recovered October 2 but did not provide any useful data.

69-0005 Ice Camp

Sampling was carried out from fast ice in western Kane Basin. Nansen bottles and reversing thermometers were used to collected T/S data. Muench (1971c) estimated the accuracies to be ±0.03°C and ±0.02°/oo.

Current data at 50 m depth were obtained using a Braincon Model 381 current meter. Speeds were estimated to be accurate to ±3% of the measured values, direction to ±20°. The report by Muench (1971c) includes speed and direction histograms. The data are available from the Department of Oceanography, University of Washington.

69-0006 Southwind

Water samples and temperature data were collected using Nansen casts and reversing thermometers. Conductivity was determined on board with an inductive salinometer. Salinities were then calculated using the International Oceanographic Tables. Moynihan (1971) discusses the data and presents plots and cross sections.

69-0007 Westwind

See 48-0004.

69-0008 Southwind

Nansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

69-0010 Ice Camp

Four stations in Grise Fjord, three in South Cape Fjord, and two in Jones Sound were occupied in May 1969. Salinities were determined at the Woods Hole Oceanographic Institution. No details on time, locations, methods etc. are provided by Apollonio (1973).

69-0011

The stations were reported in the ICES Data List and the data are stored at MEDS.

69-0012 A.T. Cameron

See 48-0004.

69-0013 Westwind

Nansen casts, with paired reversing thermometers, were used to collect T/S data. Conductivity was determined by an on board inductive salinometer. Conductivity was then converted to salinity using the International Oceanographic Tables. No estimates of data quality are given by Moynihan (1972a); the data are presented as listings and as vertical and horizontal section plots.

70-0002 Hudson

See 59-0006; the reader should contact Bedford Institute of Oceanography for more detail.

70-0006 Westwind

Water mass information was collected using a self-contained salinity/temperature/depth recording unit, and bottle casts. Reversing thermometers, attached to the bottles, recorded temperature to ±0.02°C; the salinities of the water samples were measured using a Bisset-Berman Hytech Model 6220 salinometer, and were estimated accurate to ±0.02°/oo. These temperatures and salinities were used to calibrate the STD (Muench, 1972c). The STD was a Bisset-Berman Model 9060 with the following manufacturer's specifications:

	Accuracy	Resolution
Salinity °/oo	±0.05	±0.02
Temperature °C	±0.05	±0.05
Pressure	±0.25% full scale and ±0.10% half scale	

At no time did the temperatures and salinities obtained from the STD differ from those determined from the Nansen samples by more than the advertised accuracy (Muench, 1972c). Large T/S gradients in the upper 20 m of the water column made comparisons difficult there.

70-0011 Southwind

See 48-0004.

70-0012

See 48-0004.

70-0013 & 70-0015 Westwind

Nansen casts were used to collect water samples. An on board inductive salinometer determined conductivities which were then converted to salinity using the International Oceanographic Tables. Paired reversing thermometers were used.

Moynihan (1972b) states that a Bisset Berman Model 9060 STD was used at 10 stations (p. 2), with quality control provided by the bottle data. He does not specify the accuracies achieved. Also the listing indicates that the STD was used on all 31 of the stations from the first part of the cruise (August 16-24; cruise no. 8184) and all 33 stations of the second part of the cruise (September 3-9; cruise no. 31-1705).

71-0010 Louis S. St. Laurent

Ref: Sadler (1972c), Sadler (1973)

Makinson Inlet was surveyed as a possible Armed Forces base location. Oceanographic information was collected on September 2. Knudsen bottles with paired reversing thermometers were used. A current meter was lowered once but speeds were below the threshold value of 3 cm/s.

Temperature, from averaging two values, are believed accurate to 0.01°C; depths to ±2 m. Salinities were determined in Ottawa using a Bisset-Berman salinometer. One to five analyses were made per sample and the precision was estimated to be less than 0.003°/oo. The accuracy depended on the calibration of the salinometer and the standard used. Typically this is 0.02°/oo.

71-0011 Dana

Stations reported in ICES Data List (1974); data stored at MEDS.

71-0012 Fixed Stations

Braincon current meters were suspended at three sites from landfast ice in Robeson Channel (Chow, 1975a). All seven meters were less than 50 m deep, with the uppermost at 2.25 m depth. Sampling intervals were either 60 or 20 minutes. The meters recorded in analog form onto 16 mm photographic film. They were processed into digital form at Bedford Institute of Oceanography. Chow (1975a) presents an analysis of the data but does not provide estimates of accuracy. Chow noted one suspect speed value which probably was introduced during data conversion to digital format.

Bottle casts were used to collect samples. Salinity was determined later at the Pacific Environment Institute using an inductive salinometer. Reversing thermometers provided temperature (Herlinveaux, 1979). An Ott recording gauge with a submerged pressure sensor was used to obtain a month's record (April) of water level information.

71-0013 Louie S. St. Laurent

T/S data were collected in August from the Louie S. St. Laurent. Knudsen bottles were used, combined with paired reversing thermometers. Temperatures were believed accurate to 0.02°C and salinities, using a Bisset-Berman salinometer, precise to 0.005°/oo.

72-0018 Fixed Stations

A shore party by Robeson Channel made water mass and current measurements through the ice in the spring of 1972. Knudsen bottles and reversing thermometers were used.

Fourteen Braincon current meters were also deployed, and 6 Braincon thermographs, precision of 0.01°C, accuracy ±0.1°C (April 26-June 3, 6). Speed accuracy was estimated (Sadler, 1976b) at 6-10 cm/s; direction ±8° for along-channel flow and ±30° for cross-channel flow.

72-0020 Louie S. St. Laurent

The T/S data were collected using both reversing bottles and an STD (Muench and Sadler, 1973). The STD was believed accurate to ±0.05°/oo (±0.3°/oo at 0-200 m stn 1). Reversing thermometers were used for temperature, with an accuracy of ±0.02°C.

72-0021 Quest

See 49-0002.

72-0022

A report by the Danish Hydraulic Inst. (1979b, p. 44) states that data have been collected by Littlepage and Ellis in 1972, however, no details are provided. The report also states that measurements were taken during 1972-1977 by both the Geol. Survey of Greenland and the Greenland Fishery Investigations. These data cover the February-April and August-September periods; again no details are provided.

73-0015

See 72-0022.

74-0013

This cruise of the CSS Hudson was devoted primarily to geophysical work. However, one STD cast is mentioned in the BIO Cruise Report 74-026 Part I. No mention of the instrument or its accuracy is made.

74-0016

See 72-0022.

75-0034 Fixed Stations

Knudsen sample bottles and reversing thermometers were used. Salinity was determined using a Guildline "Autosal" salinometer Model 8400. Accuracies were considered (Chow and Finlayson, 1980) to be ±0.03°C and ±0.01°/oo.

Water levels were measured at five stations using OTT gauges which had a pressure sensing head (in roughly 10 m water depth) and recorded on a paper drum.

Currents were measured using Marsh-McBirney electromagnetic current meters, oriented through rigid connection to surface. Chow and Finlayson (1980) analyzed the data, but did not provide estimates of accuracies.

75-0036

Temperature and salinity measurements in Marmorilik Fjord were made in September (Gron. Geol. Und., 1976). No details are provided. The collecting agency may have been B.C. Research.

75-0037

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Subsurface currents were also recorded by the meters.

Water levels were recorded using OTT recorders at shore stations.

75-0041

As part of the North Water Project, temperature data to 50 m depth were collected at 4 stations in northern Smith Sound in the spring of 1975. Thermistor strings were used. The data are included in the Appendix of Ito (1981), however, there is no mention of accuracy.

76-0011

A 12 litre Knudsen cast and surface samples were collected in the oil slick area near Scott Inlet. No other information is given in the BIO Cruise Report No. 76-023.

76-0023 Northwind

A lightweight CTD profiler (developed at University of Washington) was used and T/S data from bottles were used for calibration. Adjustments of approximately -0.04°C and +0.2°/oo were required. Garrison (1977) reports the data but provides no estimates of precision/accuracy. Measurements of the reverberation from biological scatterers were also made.

76-0024

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Water levels were recorded at shore stations using OTT recorders.

76-0025

Bohn (1976) reports on data collected in Marmorilik Fjord in March 1976; however this report was not available to the authors. The September 1976 stations are listed in Gron. Geol. Und. (1976).

76-0027

As part of the North Water Project, temperature profiles were obtained using thermistor strings and current profile data (to 11 m depth) collected using a direct reading "Schiltkrecht Mini Water" current meter, and a cumulative current meter Ott type 10.002/12.400. The data are in the Appendix of Ito (1981) but accuracies are not given.

77-0014 CSS Hudson

A rosette sampler was used, having 5 litre Niskin bottles and a CTD with oxygen sensors. The CTD was a Guildline Mark III analogue CTD system. The station locations are reported in B.I.O. (1977).

In most cases reversing thermometers were used to check the CTD temperatures, and salinities were determined using a Guildline Autosal model 8400 salinometer. Jones and Coote (1980) present an analysis based mainly on the nutrient data.

77-0018

Although this study concentrated on eastern Parry Channel, one of the drifters (# 1066) entered Baffin Bay through Lancaster Sound. Fissel and Marko (1978) present a track plot for this drogued drifter.

77-0027

The moored Aanderaa current meters all had temperature and conductivity sensors, recording every 10 minutes. Water levels were measured at several shore stations using OTT recorders. Offshore data was also collected using Aanderaa TG-2A pressure recorders.

77-0028 Westwind

A Bisset-Berman Model 9040 CTD was intended for use, but failed to operate properly. Therefore expendable bathythermographs and a rosette sampler with Niskin bottles were used. Paired reversing thermometers were read to 0.01°C, and salinities were determined using a Guildline Autosal 8400 salinometer, having a resolution of 0.001°/oo. Care was taken in calibrating the BT data in order to have reliable temperature results. A bottom sensor was used to measure variations in several parameters, including temperature. These data were not on the NODC computer but were received from S. Tooma at the Naval Oceanographic R&D center, NSTL Station, Bay St. Louis.

77-0029

BTs and reversing thermometers were used to measure temperature. Salinities were determined using either an Endeco refractometer, a salinometer, or by chloride titration.

77-0031 Adolf Jensen

On August 5, 1977 the USNS Potomac, while being escorted by the USCGC Westwind, spilled 380 tons of fuel oil into Melville Bay. The Danish research vessel Adolf Jensen arrived on August 13 to join the investigation of the spill and its effect. Stations 87-96 of data set 77-0031 were apparently occupied as part of the investigation. Petersen (1978) reports results of the studies but no details on methods, accuracies, locations, etc. It is not known if the Westwind also took physical oceanographic data.

78-0005 Theron

Temperature/salinity measurements were made using a Guildline Model 8706 CTD. Manufacturer's specifications for accuracy are salinity ±0.005°/oo, temperature ±0.005°C, and pressure ±0.15% full scale. These more truly reflect the resolution of the instrument. No major problems occurred with the 1978 data and the accuracy is believed to be ±0.02°/oo, precise to ±0.005°/oo.

All current meters were subsurface moored, Aanderaa RCM-4 current meters. Fourteen moorings, involving 43 current meters were deployed and recovered in 1978. Directional accuracy of the vane sensors was generally ±10 to 20 degrees. Temperature and equivalent salinity accuracies were estimated to be ±0.05°C and 0.15°/oo. The speed measurements are accurate to ±1 cm/s, or ±2% of the speed, whichever is greater (manufacturer's specifications).

Current profiles were made using an Endeco type 110 profiling current meter, to depths of 50 m. Direction accuracy was about ±30 degrees. Speed uncertainty was estimated to be ±12 cm/s relative to ship motion. Absolute speed was calculated for stations within 6 miles of land only.

Fifteen drogued drifters were released in 1978 as part of the EAMES program. The report lists positions, velocities and includes track plots. Position accuracy was about ±2 km.

78-0020 CSS Hudson

This was a chemical oceanography cruise, therefore as well as CTD casts, bottle samples were also collected. The cruise report (BIO # 78-026) does not specify the CTD type or the data quality.

78-0023

Nansen bottle casts were used to collect T/S data. Reversing thermometers recorded temperature; unspecified analyses determined salinity (probably salinometer). Water levels were recorded using OTT recorders at shore stations.

78-0024

Five moorings were deployed over winter. Aanderaa RCM-4 current meters were used to record current velocity temperature and salinity. Directional accuracy was generally ±10 to 20 degrees. Speed measurements were accurate to ±1 cm/s or ±2% of the speed, whichever was greater (manufacturer's specifications). Temperature and equivalent salinity accuracies were estimated to be ±0.05°C and 0.15%.

78-0025

The Institute of Ocean Sciences moored a current meter at 37 m in Marmorilik fjord for the period October 16, 1978 to October 16, 1979 (Lewis and Perkin, 1982). The current meter recorded temperature and conductivity, as well as speed and direction.

A CTD was used to gather T/S data, however the Danish Hydraulic Institute report (1979b) states "... certain values, or entire profiles, may be false due to extraordinary circumstances during the measurement". All salinity values were reduced by 0.26^{o}/oo.

79-0011 Theron

Temperature/salinity measurements were made using a Guildline Model 8706 CTD. Manufacturer's specifications for accuracy are salinity ±0.005^{o}/oo, temperature ±0.005°C, and pressure ±0.15% full scale; these are more likely the resolution of the instrument.

For some profiles, the CTD salinities differed from water sample salinities by about 0.25^{o}/oo and corrections were made. Accuracies are believed to be ±0.02^{o}/oo on casts where water samples were taken, ±0.04^{o}/oo otherwise.

All current meters were subsurface moored, Aanderaa RCM-4 current meters. Eighteen moorings and 54 current meters were successfully recovered. Directional accuracy of the vane sensors was generally ±10 to 20 degrees. Temperature and equivalent salinity accuracies were estimated to be ±0.05°C and 0.15°/oo. The speed measurements were accurate to ±1 cm/s, or ±2% of the speed, whichever is greater (manufacturer's specifications).

Thirty-four drogued drifters were released in 1979. The Argos satellite system produced positions accurate to about ±1.2 km.

Current profiles were made using an Endeco type 110 profiling current meter, to depths of 50 m. Direction accuracy was about ±30 degrees. Speed uncertainty was estimated to be ±12 cm/s relative to ship motion. Absolute speed was calculated for stations within 6 miles of land only.

79-0015

An Applied Microsystems CTD-12 was used for temperature and salinity measurements. Instrument problems reduced the salinity accuracy to ±0.2°/oo. Temperature and pressure were accurate to ±0.02°C and ±0.25 m. The data are presented (Birch, 1980) as listings and profile plots. Surface drifters were also tracked within 6 km of shore.

79-0023

Current meters were moored at 10 and 24 m (Lewis and Perkin, 1982). T/S data were also collected. Few details were provided.

80-0007 CSS Hudson

A Guildline 8770 CTD was used. The quality of the data is not discussed in the cruise report (BIO # 80-027).

80-0008

Temperature and salinity were measured using an Applied Microsystem CTD-12, as well as bottle casts and reversing thermometers. The water samples were analyzed using a salinometer. The CTD results were estimated to be accurate to ±0.02°C and ±0.07°/oo, whereas bottle sample salinities were determined to ±0.02°/oo. Both the CTD and bottle results were used in the analyses since the CTD was not operable the entire time.

Sub-surface currents were measured using Aanderaa RCM-4 current meters. The upper meters at two of the three moorings inadvertently ended up closer to surface than planned. As a result wave motion affected the records during periods of moderate to strong winds and Fissel and Birch (1981) excluded these data from the statistical analyses.

Surface drift was measured using eight drogued drifters, tracked through the ARGOS satellite system. Positional accuracies were ±1.2 km.

80-0012

These data are not fully processed yet.

80-0017 CSS Hudson

A rosette sampler with CTD and bottles was used. The cruise report (BIO # 80-028) mentions the fact that the CTD-Rosette system produced "adequate data" but was not working perfectly. No other details were supplied.

81-0019

Data stored at MEDS.

81-0020

These data are not fully processed yet.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Surface drift was measured using [illegible] the ARGOS satellite system. Positional accuracy was [illegible]

RD-0012

These data are not fully processed [illegible]

APPENDIX 2

INSTITUTIONS, AGENCIES AND INFORMATION CENTRES

1. Bedford Institute of Oceanography
P.O. Box 1006,
Dartmouth, Nova Scotia
B2Y 4A2
Phone: (902) 426-3870

2. Defence Research Establishment Ottawa
Ottawa, Ontario
K1A 0Z4
Phone: (613) 992-8395

3. Defence Research Establishment Pacific
CFB Esquimalt
Victoria, B.C.
V0S 1B0
Phone: (604) 388-1921

4. Eidgenossische Technische Hochschule Zurich
(Swiss Federal Institute of Technology)
Ramistrasse 101,
8092 Zurich
Switzerland

5. Institute of Ocean Sciences
P.O. Box 6000,
Sidney, B.C.
V8L 4B2
Phone: (604) 656-8216

6. International Council for the Exploration of the Sea
Palaegade 2-4
DK-1261 Copenhagen K
Denmark
Phone: (0) 1 15 42 25

7. Marine Environmental Data Service
7th West, 240 Sparks Street,
Ottawa, Ontario
K1A 0E6
Phone: (613) 995-2041

8. McGill University
Marine Sciences Centre
Montreal, Quebec
H3A 2T8

Dr. E.R. Pounder (Ice Research)
Phone: (514) 392-5127

9. National Oceanographic Data Center
National Oceanic and Atmospheric Administration
Code D761
2001 Wisconsin Ave., N.W.
Washington, D.C.
20235
Phone: (202) 634-7500

10. National Technical Information Service
U.S. Dept. of Commerce
Springfield, Virginia
22161
Phone: (703) 487-4650
NTIS handles the sale of most U.S. government publications

11. U.S. Naval Oceanographic Office
Washington, D.C.
20390

U.S. Naval Oceanographic Office
NSTL Station
Bay St. Louis, Mississippi
39522

12. Woods Hole Oceanographic Institution
Woods Hole, Massachusetts
Phone: (617) 548-1400

13. World Data Center A
Oceanography
National Oceanographic and Atmospheric Administration
Washington, D.C.
20235

Volumes available.

1. Beaufort Sea: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.
2. Beaufort Sea: Chemical Oceanography.
3. Northwest Passage: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.
4. Northwest Passage: Chemical Oceanography.
5. Baffin Bay: Physical Oceanography - Temperature, Salinity, Currents and Water Levels.